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FEDERAL - STATE - PRIVATE
COOPERATIVE SNOW SURVEYS

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APR 29 1966

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
NEVADA

UNITED STATES DEPARTMENT of AGRICULTURE---SOIL CONSERVATION SERVICE.
and
NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation with the Federal, State and private organizations listed on the last page of this report.

AS OF
APR. 1, 1966

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

<u>REPORTS</u>	<u>ISSUED</u>	<u>LOCATION</u>	<u>COOPERATING WITH</u>
RIVER BASINS			
WESTERN UNITED STATES _____	MONTHLY (FEB.-MAY) _____	PORTLAND, OREGON _____	ALL COOPERATORS
BASIC DATA SUMMARY _____	OCTOBER 1 _____	PORTLAND, OREGON _____	ALL COOPERATORS
STATES			
ALASKA _____	MONTHLY (MAR.-MAY) _____	PALMER, ALASKA _____	ALASKA S.C.D.
ARIZONA _____	SEMI-MONTHLY _____ (JAN.15 - APR.1)	PHOENIX, ARIZONA _____	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO _____	MONTHLY (FEB.-MAY) _____	FORT COLLINS, COLORADO _____	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO _____	MONTHLY (JAN.-JUNE) _____	BOISE, IDAHO _____	IDAHO STATE RECLAMATION ENGINEER
MONTANA _____	MONTHLY (JAN.-JUNE) _____	BOZEMAN, MONTANA _____	MONT. AGR. EXP. STATION
NEVADA _____	MONTHLY (JAN.-MAY) _____	RENO, NEVADA _____	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
OREGON _____	MONTHLY (JAN.-JUNE) _____	PORTLAND, OREGON _____	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH _____	MONTHLY (JAN.-JUNE) _____	SALT LAKE CITY, UTAH _____	UTAH STATE ENGINEER
WASHINGTON _____	MONTHLY (FEB.-JUNE) _____	SPOKANE, WASHINGTON _____	WN. STATE DEPT. OF CONSERVATION
WYOMING _____	MONTHLY (FEB.-JUNE) _____	CASPER, WYOMING _____	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

<u>REPORTS</u>	<u>ISSUED</u>	<u>AGENCY</u>
BRITISH COLUMBIA _____	MONTHLY (FEB.-JUNE) _____	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA _____	MONTHLY (FEB.-MAY) _____	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
NEVADA

Report prepared by

MANES BARTON

and

ROY E. MALSOR, JR.

SOIL CONSERVATION SERVICE
1479 SOUTH WELLS AVENUE
RENO, NEVADA

APRIL 8, 1966

Issued by

CHARLES W. CLEARY, JR.

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
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ELMO J. DE RICCO

DIRECTOR
DEPARTMENT OF CONSERVATION AND
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CARSON CITY, NEVADA

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ALPHABETICAL INDEX TO NEVADA SNOW COURSES

This alphabetical tabulation of snow courses has been prepared to provide readers with rapid access to basic snow survey data. The reader is referred to the "Index to Nevada Snow Courses by basins" and "Nevada Snow Courses" map on the next page for other detailed information such as location, elevation, basin and sub-basin, state and numbering system legend.

SNOW COURSE	NO.	PLATE	SNOW COURSE	NO.	PLATE
AMERICAN BEAUTY	15J17a	8,11	LAMOILLE #1	15J4	8,11
BAKER #1	14L1	7	LAMOILLE #2	15J5	8,11
BAKER #2	14L2	7	LAMOILLE #3	15J6M	8,11
BAKER #3	14L3	7	LAMOILLE #4	15J7	8,11
BALO MOUNTAIN	19H1	13	LAMOILLE #5	15J8	8,11
BARBER CREEK	20H5	13	LAPON MEADOW	18L1	5
BEAR CREEK	15H1MA	10,11	LAUREL CRAW	16H5	10
BERRY CREEK	14K2	7	LEAVITT MEADOWS	19L8	5
BIG BEND	15H4MP	10,11	LEE CANYON #1	15N4	6
BIG CREEK CAMPGROUND	17K1	6	LEE CANYON #2	15N3	6
BIG CREEK MINE	17K2	6	LEE CANYON #3	15N6	6
BIG CREEK, UPPER	17K3	6	LITTLE BALLY MTN.	19H4a	13
BIRD CREEK	14K1	7	LITTLE VALLEY	19K3	2
BLUE LAKES	19L5	3,4	LOBOELL LAKE	19L17a	5
BOCA #2	20K14	2,4	LOUSE CANYON	17G4a	12
BROCKWAY SUMMIT	20K22	2	LOWER CORRAL	17L1	6
BUCKEYE FORKS	19L11	5	MARLETTE LAKE	19K4M	2,3
BUCKEYE ROUGHS	19L10	5	MARTIN CREEK	17H3	11,12
BUCKSKIN, LOWER	17H2	11,12	MATHEW CANYON	14M1	6
BUCKSKIN, UPPER	17H1	11,12	MERRITT MTN.	15H20	10
CAMPITO MOUNTAIN	18M2	6	MIOAS	16H3AP	10,11
CARSON PASS, UPPER	19L4	3,4	MONTGOMERY PASS	18M1	6
CAVE CREEK	15J13	7,8,11	MT. GRANT	18L2	5
CEGAR PASS	20H6	13	MT. ROSE	19K2	2
CENTER MOUNTAIN	19L12A	5	MURRAY SUMMIT	14K3	7
CHIATOVICH FLAT	18M5	6	OREGON CANYON	17G5a	12
CLARK CANYON	15N2	6	PINCHOT CREEK	18M3a	6
CLEAR CREEK	19K5	3,4	PINE CANYON	14M2	6
COLUMBIA BASIN	16H6a	10	PIUTE PASS	18M4a	6
CORRAL CANYON	15J12A	8,11	POISON FLAT	19L6A	3,4
OAGGETTS PASS	19L14	2,3,4	POLE CANYON	15J18a	8,11
OENIO CREEK	18G6a	12	POLE CREEK R: 5.	15H14	9
OISASTER PEAK	18H1	12	QUINN RIGGE	17H6a	12
OISMAL SWAMP	20H3a	13	RAINBOW CANYON #2	15N7	6
OONNER PARK #2	20K21	2	RED POINT	15H18a	9
OONNER SUMMIT	20K10	2,4	RESERVATION CREEK	20H4	13
ORSEY BASIN	15J1MP	8,11	RICHARDSONS #2	20L3	2
ORY CREEK	15J3	8,11	ROBINSON LAKE	15J16a	8,11
EAGLE PEAK	20H7	13	ROBINSON SUMMIT	15K1	7
EBBETTS PASS	19L19a	3	RODEO FLAT	15H6MP	10,11
ECHO SUMMIT	20L5	2,3,4	RUBICON #1	20L1	2
FAWN CREEK	16HBa	10	RUBICON #2	20L2	2
FOROYCE LAKE	20K7	2,4	RYAN RANCH	15J2	8,11
49-MTN.	19H3	13	SAGE HEN CREEK	20K6	2,4
FOX CREEK	15H2	10	76 CREEK	15H3A	10,11
FREEL BENCH	19L2	2	SILVER CREEK #2	14K7	7
FRY CANYON	15H7	10,11	SONORA PASS	19L7M	3,5
FURNACE FLAT	20K8	2,4	SQAW VALLEY #2	20K19	2
GLENBROOK #2	19K6	2,3	STAG MTN.	15H19a	10,11
GOAT CREEK	15H13	9	TOHOE CITY	20K16	2,4
GOLCONOA #2	17J2	11	TAYLOR CANYON	15H9MP	10,11
GOLD CREEK	15H5	10,11	TIOGA PASS	19M1	5
GRANITE PEAK	17H4	11,12	TOE JAM	16H7a	10,11
GREEN MOUNTAIN	15J9MP	8,11	TREMewan RANCH	15H8	10,11
HAGANS MEADOW	19L3M	2,4	TROUGH SPRINGS	15N1	6
HAGER CANYON	15J14	7,8,11	TROUT CREEK	18G5a	12
HARRISON PASS #1	15J10	8,11	TROUT CREEK, LOWER	15H10P	8,11
HARRISON PASS #2	15J11	8,11	TROUT CREEK, UPPER	15H11A	8,11
HAYS CANYON	19H2	13	TRUCKEE #2	20K13M	2
HOLE-IN-MOUNTAIN	15J15	8,11	UPPER CORRAL	17L2	6
HUMMINGBIRD SPRINGS	15H15A	9,11	UPPER FISH VALLEY	19L16a	3
INDEPENDENCE CAMP	20K4M	2,4	UPPER TRUCKEE	19L1	2
INDEPENDENCE CREEK	20K3	2	VIRGINIA LAKES	19L13M	5
INDEPENDENCE LAKE	20K5	2	WARO CREEK	20K17M	2,4
JACK CREEK, LOWER	16H1M	10,11	WARO MOUNTAIN #2	14K5	7
JACK CREEK, UPPER	16H2A	10,11	WEBBER LAKE	20K2	2
JACKS PEAK	16H4	10,11	WEBBER PEAK	20K1	2
JAKES CREEK	14H1	9	WET MEADOWS LAKE	19L18a	3
KALAMAZOO CREEK	14K8	7	WHITE RIVER #1	15L1	7
KYLE CANYON	15N5	6	WILLOW FLAT	19L9	5
LAKE LUCILLE	20L4	2	WOLF CREEK	19L20a	3
LAMANCE CREEK	17H5	11,12			

INDEX TO NEVADA SNOW COURSES

(By Basins)

NUMBER NAME SEC. TWP. RGE. ELEV.

SNAKE RIVER BASIN

SNAKE RIVER

15H1MA	BEAR CREEK	31	46N	58E	7800
15H2	FOX CREEK	33	46N	58E	6800
15H13	GOAT CREEK	31	46N	60E	8800
15H15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945
14H1	JACKS CREEK	6	42N	62E	7000
15H20	MERRITT MOUNTAIN	10	46N	54E	7000
15H14	POLE CREEK RANGER STATION	13	46N	59E	8330
15H18a	RED POINT	15	47N	61E	7940
15H3A	76 CREEK	6	44N	58E	7100
15H19a	STAG MTN.	29	41N	58E	7800

OWYHEE RIVER

15H4MP	BIG BEND	30	45N	56E	6700
16H6a	COLUMBIA BASIN	31	44N	53E	6650
16H8a	FAWN CREEK	2	45N	52E	7000
15H5	GOLD CREEK	31	45N	56E	6600
16H1M	JACK CREEK, LOWER	18	42N	53E	6800
16H2A	JACK CREEK, UPPER	9	42N	53E	7250
16H4	JACKS PEAK	28	42N	53E	8420
16H5	LAUREL CRAW	20	45N	53E	6700
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440
15H9MP	TAYLOR CANYON	35	39N	53E	6200

INTERIOR

UPPER HUMBOLOT RIVER

15J17a	AMERICAN BEAUTY	32	31N	58E	7800
16H6a	COLUMBIA BASIN	31	44N	53E	6650
15J12A	CORRAL CANYON	27	28N	57E	8500
15N1MP	ODORNEY BASIN	28	35N	60E	8100
15J3	ORY CREEK	5	34N	60E	6500
15H7	FRY CANYON	31	43N	54E	6700
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000
15J10	HARRISON PASS #1	9	28N	57E	6600
15J11	HARRISON PASS #2	16	28N	57E	7400
15J4	LA MOILLE #1	15	32N	58E	7100
15J5	LA MOILLE #2	14	32N	58E	7300
15J6M	LA MOILLE #3	24	32N	58E	7700
15J7	LA MOILLE #4	19	32N	59E	8000
15J8P	LA MOILLE #5	31	32N	59E	8700
15J18a	POLE CANYON	31	35N	61E	7140
15J16a	ROBINSON LAKE	23	33N	59E	9200
15H6MP	RODED FLAT	36	43N	53E	6800
15J2	RYAN RANCH	1	34N	59E	5800
15H8	TREMEWAN RANCH	9	39N	55E	5700
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900
15H11A	TROUT CREEK, UPPER	4	36N	61E	8500

LOWER HUMBOLOT RIVER

17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600
17K2	BIG CREEK MINE	23	17N	43E	7600
17K3	BIG CREEK, UPPER	26	17N	43E	8000
17H2	BUCKSKIN, LOWER	25	45N	39E	6700
17H1	BUCKSKIN, UPPER	11	45N	39E	8200
17J2	GOLCONDA #2	22	35N	39E	6000
17H4	GRANITE PEAK	22	44N	39E	7800
17H5	LANANCE CREEK	13	42N	38E	6000
17L1	LOWER CORRAL	12	11N	40E	7500
17H3	MARTIN CREEK	18	44N	40E	6700
16H3AP	MIDAS	18	39N	46E	7200
16H7	TOE JAM	29	40N	50E	7700
17L2	UPPER CORRAL	20	11N	41E	8500

EASTERN NEVADA

14L1	BAKER #1	29	13N	69E	7950
14L2	BAKER #2	30	13N	69E	8950
14L3	BAKER #3	25	13N	68E	9250
14K2	BERRY CREEK	26	17N	65E	9100
14K1	BIRD CREEK	34	19N	65E	7500
15J13	CAVE CREEK	25	27N	57E	7500
15J14	HAGER CANYON,	34	27N	57E	8000
15J15	HOLE-IN-MTN	6	35N	61E	7900
14K8	KALAMAZOO CREEK	34	20N	65E	7400
14K3	MURRAY SUMMIT	25	16N	62E	7250
15K1	ROBINSON SUMMIT	34	18N	61E	7600
14K7	SILVER CREEK #2	30	16N	69E	8000
14K5	WARD MOUNTAIN #2	25	15N	62E	7875

CENTRAL GREAT BASIN

18M2	CAMPITO MTN (CAL.)	19	55	35E	10200
18M5a	CHICHOVICH FLAT	32	25	34E	10500
19N2	CLARK CANYON	8	19S	55E	9000
18M1	MONTGOMERY PASS	4	1N	33E	7100
18M3a	PINCHOT CREEK	28	1N	33E	9300
18M4a	PIUTE PASS (CAL.)	33	45	33E	11700
15N1	TROUGH SPRINGS	23	18S	55E	8500

NORTHERN GREAT BASIN

19H1	BALD MOUNTAIN	17	45N	21E	6720
20H5	BARBER CREEK	23	39N	16E	6500
20H6	CEDAR PASS	12	43N	14E	7100
18G6a	OENIO CREEK (OREG.)	14	41S	34E	6000
19H1	OLASSTER PEAK	8	47N	34E	6000
20H3a	OLISMAL SWAMP (CAL.)	31	48N	22E	7000
20H7	EAGLE PEAK	35	40N	15E	7200
19H3	49-MTN	7	42N	19E	6000
19H2	HAYS CANYON	1	39N	18E	6400
19H4a	LITTLE BALLY MTN	8	45N	19E	6000
17G5a	OREGON CANYON (OREG.)	9	40S	40E	7240
17H6a	OLIVER RIDGE	9	47N	41E	6300
20H4	RESERVATION CREEK	12	46N	15E	5900
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800

NUMBER NAME SEC. TWP. RGE. ELEV.

LAKE TAHOE

19L14	OAGGETTS PASS	19	13N	19E	7350
20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450
19L2	FREEL BENCH (CAL.)	36	12N	18E	7300
19K6	GLENBROOK #2	13	14N	18E	6900
19L3M	HAGANS MEADOW (CAL.)	36	12N	18E	8000
20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200
19K4M	MARLETTE LAKE	13	15N	18E	8000
20L3	RICHARDSONS #2 (CAL.)	6	12N	18E	6500
20L1	RUBICON #1 (CAL.)	6	13N	17E	8100
20L2	RUBICON #2 (CAL.)	6	13N	17E	7500
20K16	TAHOE CITY (CAL.)	6	15N	17E	6250
19L1	UPPER TRUCKEE (CAL.)	21	12N	18E	6400
20K17M	WARD CREEK (CAL.)	21	15N	16E	7000

TRUCKEE RIVER

20K14	BOCA #2 (CAL.)	28	18N	17E	5900
20K22	BROCKWAY SUMMIT (CAL.)	3	17N	16E	7100
29K21	ONNER PARK #2 (CAL.)	18	17N	16E	6000
20K10*	ONNER SUMMIT (CAL.)	25	17N	14E	6900
20K7*	FORDYCE LAKE (CAL.)	34	18N	13E	6500
20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700
20K4M	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000
20K3	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500
20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E	8450
19K3	LITTLE VALLEY	17	16N	19E	6300
19K2	MT. ROSE	7	17N	19E	9000
20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500
20K19	SOUAW VALLEY #2 (CAL.)	6	15N	16E	7500
20K13M	TRUCKEE #2 (CAL.)	22	17N	16E	6400
20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000
20K1*	WEBBER PEAK (CAL.)	30	19N	14E	8000

CARSON RIVER

19L5	BLUE LAKES (CAL.)	30	9N	19E	8000
19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600
19K5	CLEAR CREEK	6	14N	19E	7300
19L19a	EBBETS PASS (CAL.)	17	8N	20E	8700
19L6A	POISON FLAT (CAL.)	25	8N	21E	7900
19L16a	UPPER FISH VALLEY (CAL.)	18	7N	22E	8050
19L20a	WOLF CREEK	35	8N	20E	8000
19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100

WALKER RIVER

19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500
19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E	7900
19L12A	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400
18L1	LAPON MEADOW	36	8N	28E	9000
19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200
19L17a	LOBDELL LAKE	20	7N	24E	9200
18L2	MT. GRANT	23	8N	28E	9000
19L7M	SONORA PASS (CAL.)	1	5N	21E	8800
19M1*	TIOGA PASS (CAL.)	30	1N	25E	9900
19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E	9500
19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250

COLORADO

LOWER COLORADO RIVER

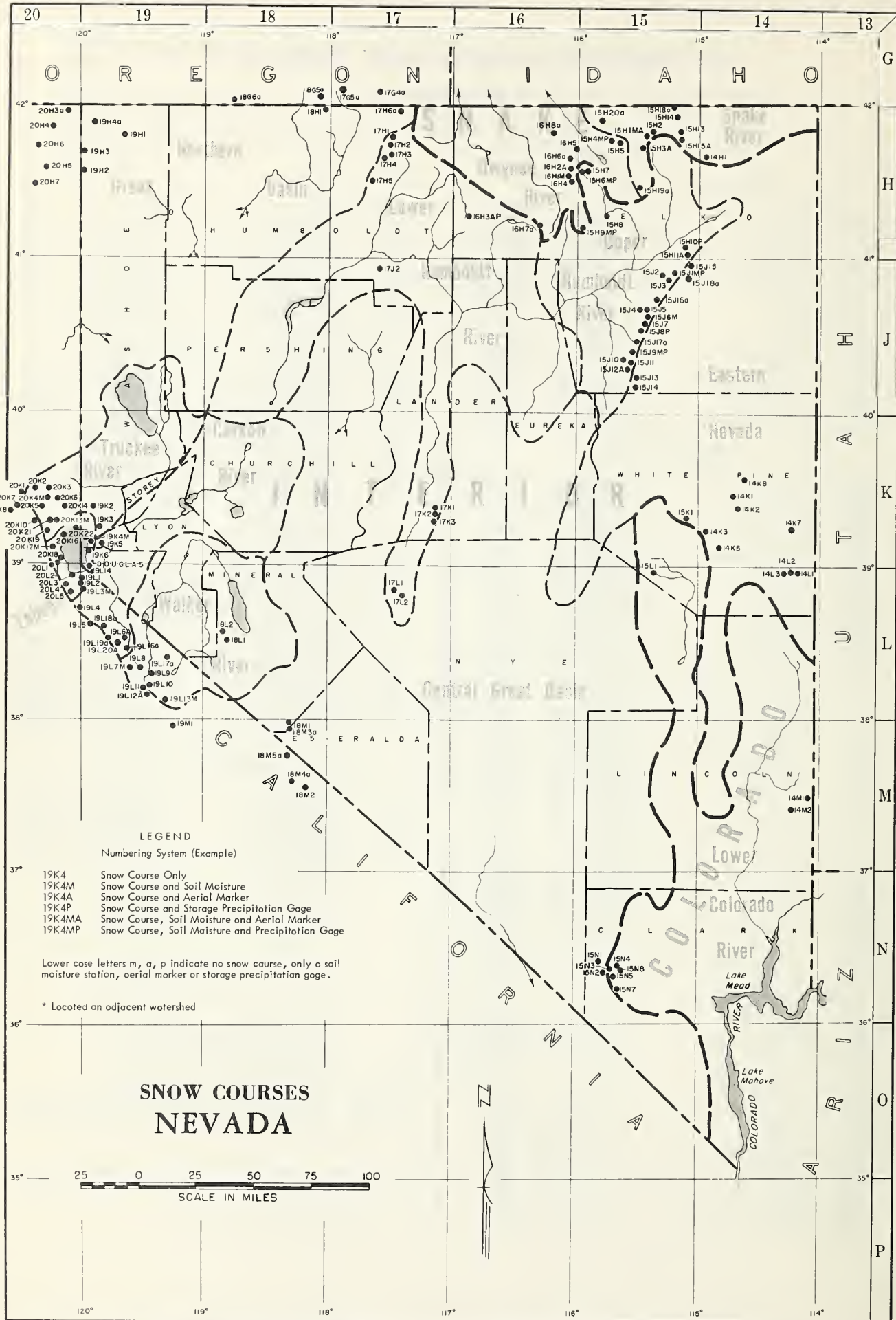
15N5	KYLE CANYON	27	19S	56E	8200
15N4	LEE CANYON #1	10	19S	56E	8400
15N3	LEE CANYON #2	9	19S	56E	9200
15N8	LEE CANYON #3	10	19S	56E	8500
14M1	MATHEW CANYON	10	6S	70E	6000
14M2	PINE CANYON	23	6S	69E	6200
15N7	RAINBOW CANYON #2	6	20S	57E	8100
15L1	WHITE RIVER #1	31	13N	59E	7400

LEGEND NUMBERING SYSTEM (EXAMPLE)

19K4	SNOW COURSE ONLY
19K4M	SNOW COURSE AND SOIL MOISTURE
19K4A	SNOW COURSE AND AERIAL MARKER
19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE
19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER
19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE

LOWER CASE LETTERS m, a, p, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER OR STORAGE PRECIPITATION GAGE.

* LOCATED ON ADJACENT WATERSHED



WATER SUPPLY OUTLOOK
FOR NEVADA

April 1, 1966

** * * * *
* Nevada water users with supplemental reservoir water will have an *
* adequate water supply during the 1966 irrigation season. Users served *
* by direct diversion will experience some late season shortages. March *
* snowfall was well below normal. Unseasonably hot weather caused the *
* snowmelt to begin much earlier than usual and at faster than normal *
* rates. As a result, all April-July streamflow forecasts have been *
* lowered 10 to 20 percent. Reservoir storage is excellent. Soil *
* moisture conditions are fair to good. If the hot-dry weather prevails *
* during April, April-July streamflow amounts will be less than those *
* presently predicted. *
** * * * *

STREAMFLOW FORECASTS

April-July 1966 streamflow forecasts have been lowered 10 to 20 percent, due to deficient March precipitation and the high temperatures which occurred the last two weeks of the month. Forecasts range from a low of 41 percent on the North Fork of the Humboldt to a high of 89 percent of the April-July average on the West Walker.

Lake Tahoe is forecast to rise 1.10 feet from April 1, assuming gates are closed. This would raise the lake to 6228.55 feet, which is .55 of a foot short of its maximum elevation (6229.1). The Truckee Basin Water Committee states that the Floriston rate of 500 c.f.s. will be maintained, and there will be adequate water for all uses by Tahoe-Truckee water users during 1966.

Carson and Walker Basin streams are forecast to flow 81-89 percent of their April-July averages. Humboldt-Owyhee April-July streamflow will range between 41-83 percent of average, with the north side Humboldt and Owyhee at 41-50 percent, southern Humboldt tributaries at 77-83 percent, and the Humboldt at Palisade at 70 percent. Surprise Valley streams are forecast to flow 53-65 percent of the April-September averages.

East central Nevada's irrigation season streamflow will be fair, as will southern and south central Nevada, exclusive of the main Colorado River.

RESERVOIR STORAGE

Nevada's principal reservoirs, exclusive of Lake Mead and Mohave, are well above average in stored water content. On April 1, 1966, they held 1,052,000 acre-feet, which is 135 percent of average and 77 percent of capacity. This water will help offset natural streamflow shortages now in prospect on many streams. A fair carryover of water into the 1967 water year is probable. However, it will be less than anticipated a month ago, due to the lowered irrigation season streamflow outlook.

SOIL MOISTURE CONDITIONS

Soil moisture conditions are rated as fair to good. However, lack of precipitation and the hot weather are causing the soils to dry rapidly as the mountain snowpack recedes. Range forage conditions will be fair to good, with spring rainfall the key to sustained growth.

SNOW COVER

March snowfall, following the late January and February pattern, was much below average. During the latter half of March, snowmelt began at a much heavier than normal rate. As a result, the snow line has receded upward very rapidly. The April 1, 1966, snowpack as percent of average by major drainage basins, or areas, was as follows: Tahoe-Truckee - 74%; Carson - 83%; Walker - 88%; Surprise Valley-Vya - 59%; Spring Mountains - 56%; White Pine County - 52%; Ruby Mountains - 55%; Owyhee-North Fork Humboldt - 64%; Humboldt above Palisade - 57%; and Santa Rosa Mountains - 41%. Most snow courses, except the highest ones, had 10 to 20 percent more water content on March 1, 1966, than was measured on April 1, 1966.

NEVADA STREAMFLOW FORECASTS - APRIL 1, 1966

The following summarized runoff forecasts are based principally on mountain snow cover and the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts.

Basin and Forecast Stream	April-July, Streamflow Thousands Acre-Feet				
	Forecast 1966	15-Yr. Av. 1948-62	1966 as % of 15-Yr. Av.	Measured Runoff 1965	1964
<u>TRUCKEE RIVER</u>			(**)		
Little Truckee River above Boca, California ¹	68	78	87 (72)	129	63
Truckee River at Farad, California ^{1,2}	202	269	75 (72)	320	180
Lake Tahoe ^{1,3}	1.10	1.47	75 (74)	1.76	0.90
<u>CARSON RIVER</u>					
East Carson near Gardnerville, Nevada	155	179	87	235	113
West Carson at Woodfords, California	45	52	87	72	34
Carson River near Carson City, Nevada	140	169	83	243	87
Carson River at Ft. Churchill, Nevada	125	155	81	218	70
East Carson near Gardnerville, Nevada (Date of 200 c.f.s. flow)	7/15	7/20	--	8/27	7/9
<u>WALKER RIVER</u>					
East Walker near Bridgeport, California ⁴	50	57	88	88	21
West Walker below East Fork near Coleville, California	125	140	89	186	86
<u>COLORADO RIVER</u>					
Virgin River at Virgin, Utah ⁵	35	43	81		37

NEVADA STREAMFLOW FORECASTS - APRIL 1, 1966 (Continued)

Basin and Forecast Stream	April-July, Streamflow Thousands Acre-Feet				
	Forecast 1966	15-Yr. Av. 1948-62	1966 as % of 15-Yr.Av.	Measured Runoff 1965	1964
<u>HUMBOLDT RIVER</u>					
Lamoille Creek nr. Lamoille, Nev.	20	26	77	34	33
So. Fk. Humboldt nr. Elko, Nev.	50	60	83	93	88
Marys River above Hot Springs, Nev.	16	34	47	52	30
No. Fk. Humboldt at Devils Gate, Nev.	14	34	41	43	33
Humboldt River at Palisade, Nev.	120	173	70	247	271
Humboldt River at Comus, Nev.	85	127	67	211	207
Martin Creek nr. Paradise, Nev.	8	17	47	19	12
<u>SNAKE RIVER</u>					
Owyhee River nr. Owyhee, Nev. ⁶	37	74	50	97	78
Owyhee nr. Gold Creek, Nev. ⁶	10	22	45	28	21
Salmon Falls Creek near San Jacinto, Nev. ⁷	58 56	78 76	74 74	106 98	102 98
<u>SURPRISE VALLEY</u>					
Bidwell Cr. nr. Ft. Bidwell, Calif. ⁸	8.0	12.3*	65	17.3	--
Mill Cr. nr. Cedarville, Calif. ⁸	3.1	5.5	56	5.5	5.8
Deep Cr. nr. Cedarville, Calif. ⁸	2.0	3.8	53	3.0	3.9
Eagle Cr. nr. Eagleville, Calif. ⁸	3.2	5.2	62	6.5	5.8

1. Forecast issued by Truckee Basin Water Committee, composed of Truckee-Carson Irrigation District, Sierra Pacific Power Company and Washoe County Water Conservation District.
 2. Exclusive of Tahoe and corrected for storage in Boca Reservoir.
 3. Maximum rise, in feet, from April 1, assuming gates closed.
 4. For period April through August corrected for storage in Bridgeport Reservoir.
 5. April-June forecast; issued by SCS, Salt Lake City, Utah.
 6. Corrected for storage in Wild Horse Reservoir.
 7. March-Sept. and March-July forecasts respectively; issued by SCS, Boise, Idaho.
 8. April-Sept. forecast; coordinated forecast of SCS and California Department of Water Resources, Snow Survey Units.
- * Adjusted average.
- ** Number in parenthesis is forecast as percent of long term average.

NEVADA

STATUS OF RESERVOIR STORAGE
APRIL 1, 1966

Basin and Stream	Reservoir	Usable Capacity (1000 AF)	USABLE STORAGE - 1000 ACRE-FEET			
			1966	1965	1964	April 1 15-Yr. Av. 1948-62
Owyhee	Wild Horse	33	17	13*	24	18
Lower Humboldt	Rye Patch	179	179	159	85	76
Colorado	Mohave	1,810	1,734	1,663	1,663	1,357**
Colorado	Mead	27,217	15,502	11,151	14,609	16,603
Tahoe	Tahoe	732	535	497	340	404
Truckee	Boca	41	4	12	11	9
Truckee	Prosser***	29	10	9	10	--
Carson	Lahontan	286	217	237	220	202
West Walker	Topaz	59	59	50	53	37
East Walker	Bridgeport	42	41	33	42	30

* Reservoir drained during summer to effect repairs to dam.

** 1950-57

*** Flood control use allocation of 20,000 A.F. between November 1 and April 10. Storage began January 30, 1963.

TOTAL RESERVOIR STORAGE

Developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1000's Acre-Feet

Month	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	Average 1948-62
October 1	263	65	345	707	498	1144	572
January 1	206	57	419	756	785	1112	622
February 1	218	73	558	784	911	1049	670
March 1	254	210	696	777	948	1039	725
April 1	285	318	769	775	1008	1052	776
May 1	300	499	844	814	1104		834

TOTAL USABLE CAPACITY 1,372

INCHES OF WATER

35

30

25

20

15

10

5

0

OCT.

NOV.

DEC.

JAN.

FEB.

MAR.

APR.

MAY

JUNE

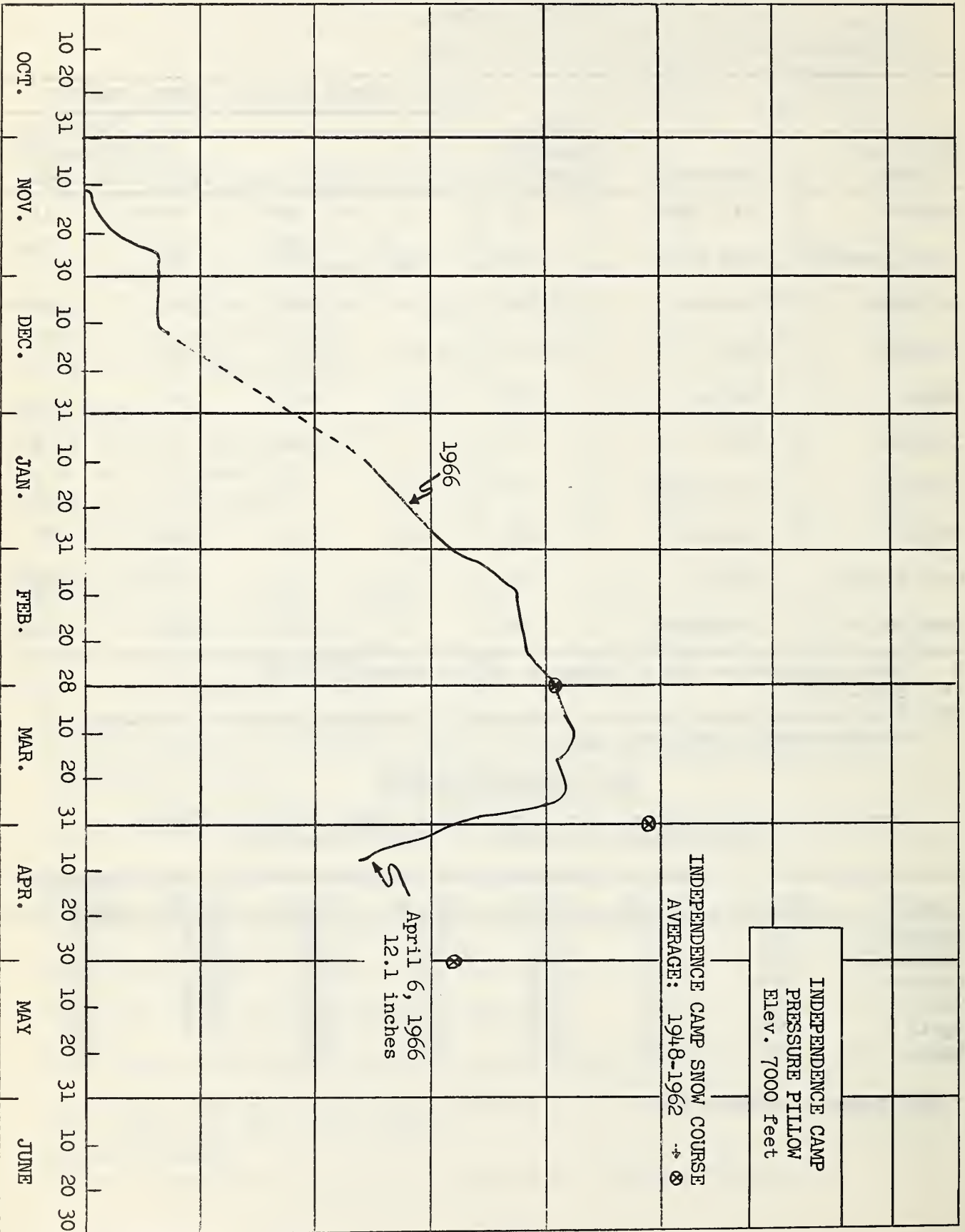
10 20 31 10 20 30 10 20 31 10 20 31 10 20 28 10 20 31 10 20 30 10 20 31 10 20 30

INDEPENDENCE CAMP
PRESSURE PILLLOW
Elev. 7000 feet

INDEPENDENCE CAMP SNOW COURSE
AVERAGE: 1948-1962

1966

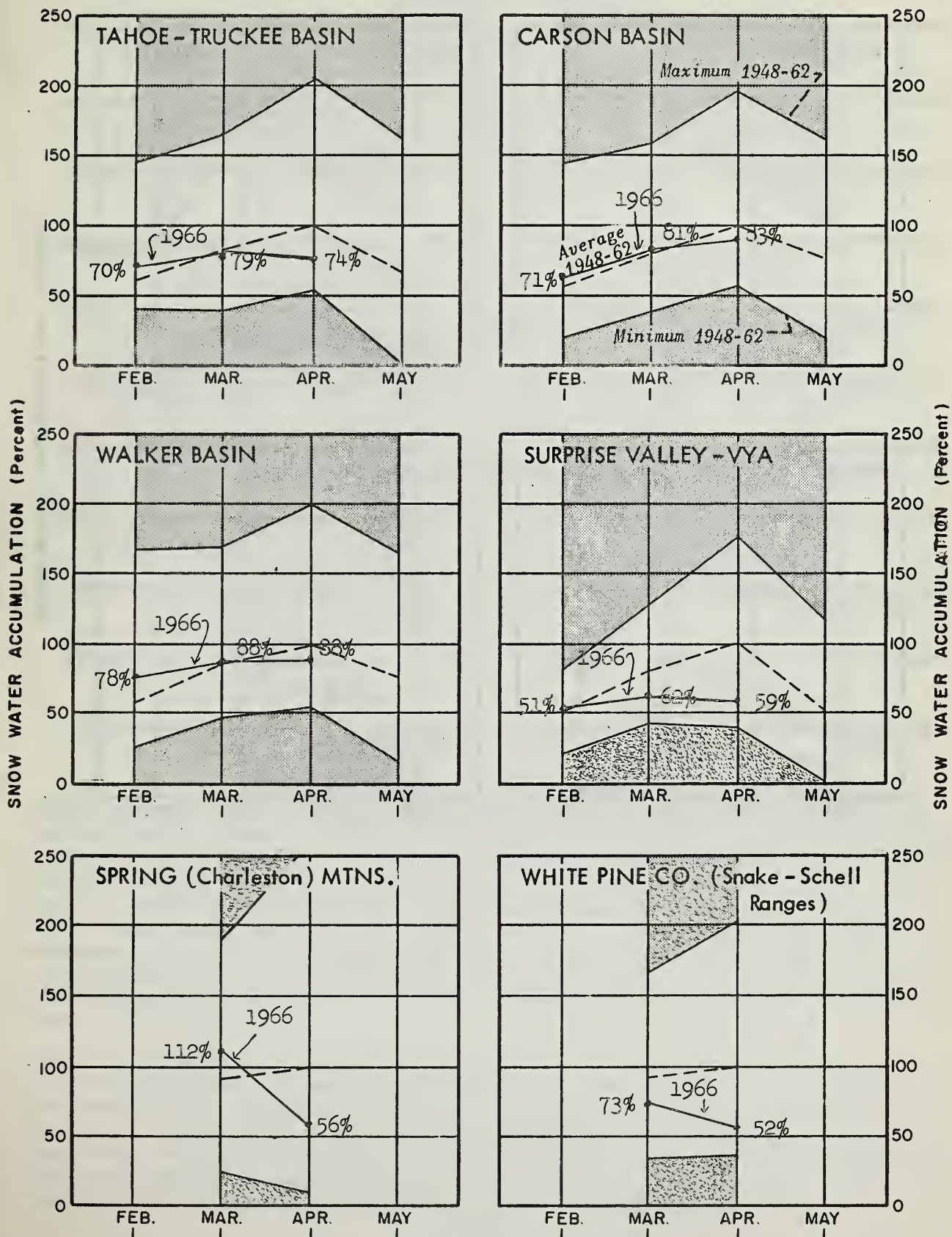
April 6, 1966
12.1 inches



SNOW WATER ACCUMULATION IN NEVADA

Percent of average maximum accumulation

As of April 1, 1966

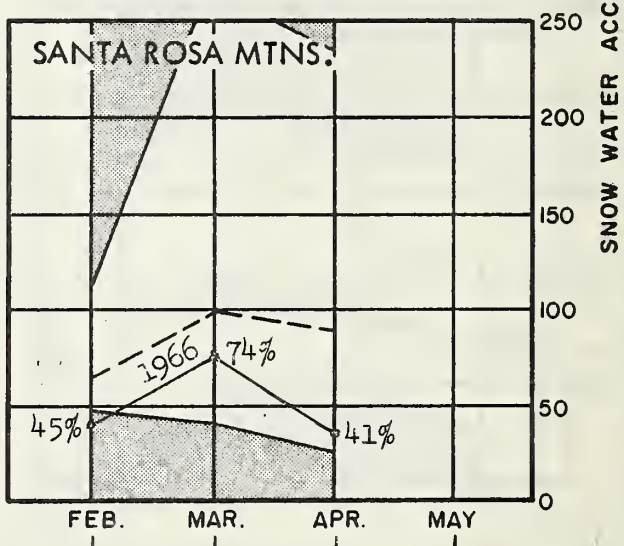
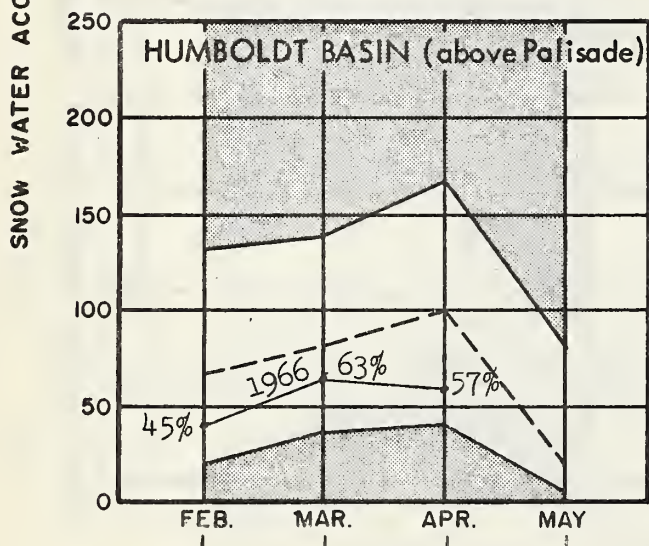
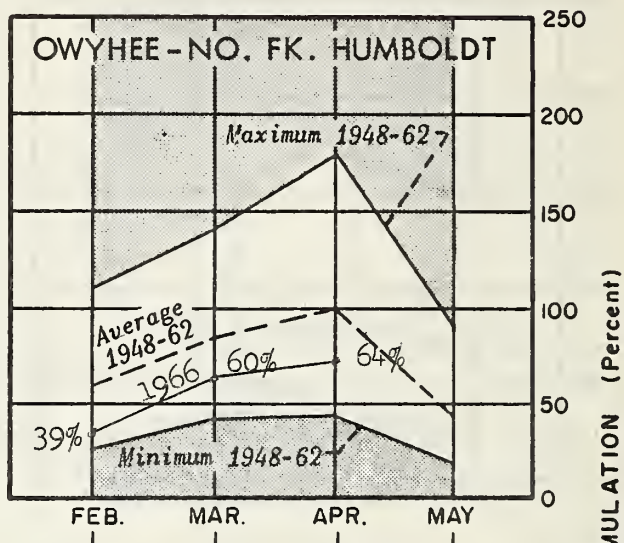
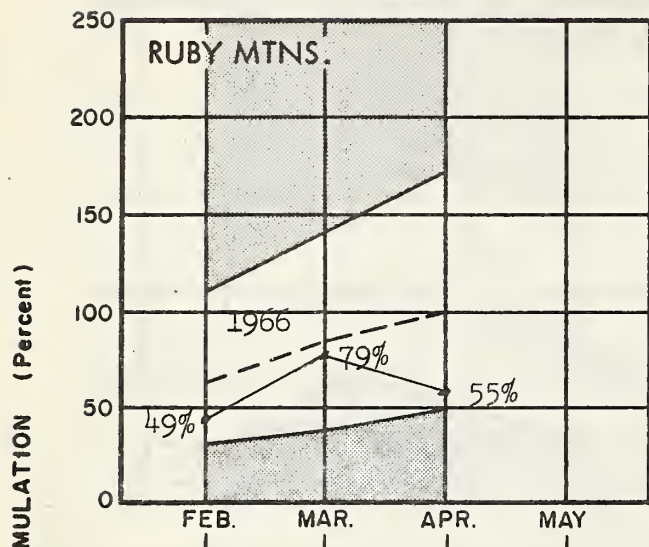


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SNOW WATER ACCUMULATION IN NEVADA

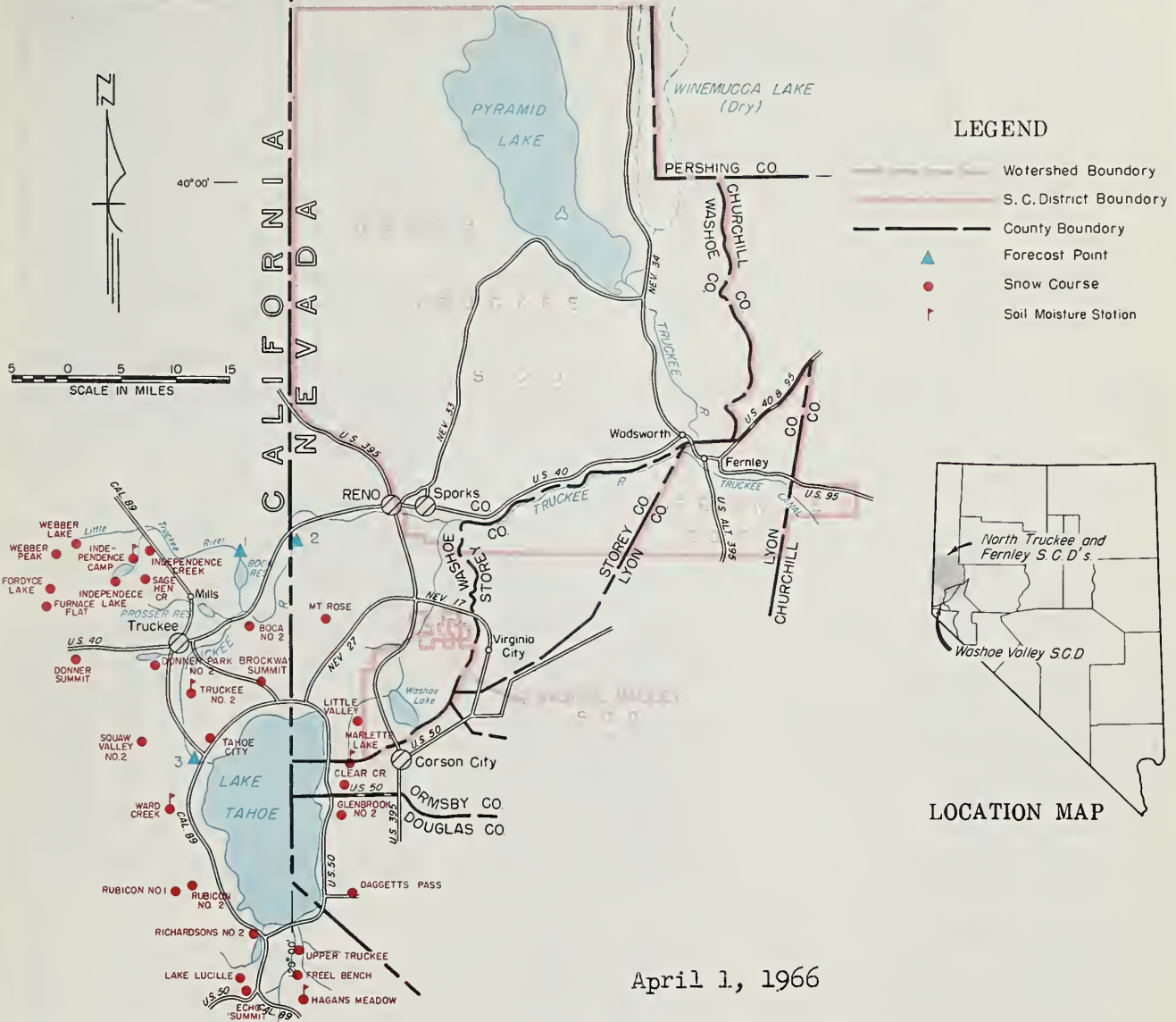
Percent of average maximum accumulation

As of April 1, 1966



WATER SUPPLY OUTLOOK

NORTH TRUCKEE, FERNLEY & WASHOE VALLEY S.C.D's.
WASHOE, STOREY & LYON COUNTIES, NEVADA



April 1, 1966

Water users in the Tahoe-Truckee watersheds will have adequate water, during the spring and summer of 1966, for irrigation, municipal, and power uses. The water content of snow at key snow courses is 74 percent of the April 1, 1948-62 average. March snowfall was subnormal and temperatures unusually high. The April 1 snowpack was less than the amounts measured a month ago. The Truckee Basin Water Committee forecasts Lake Tahoe will rise 1.10 feet from April 1. Assuming the gates are kept closed, this will raise the lake elevation from its present 6227.45 feet to 6228.55 feet above sea level. It will take considerably above normal precipitation during the spring to bring the lake to its maximum level (6229.1 feet).

Donner and Independence Lakes are expected to fill to capacity by June 15 and July 1 respectively. Boca will store water to its capacity of 40,800 feet. It is doubtful that Prosser will fill to its capacity of 30,000 acre-feet. The Truckee, at Farad, is forecast to flow 202,000 acre-feet during April - July, and the Little Truckee, above Boca, at 68,000 acre-feet. These flows augmented by reservoir water will provide users with an adequate supply. The Committee states that the Floriston rate of 500 c.f.s. will be maintained.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Lake Tahoe	732	535	497	404
Boca	41	14	12	9
Prosser <u>b/</u>	29	10	9	--

b/ Flood control use allocation
20,000 a.f. between 11/1 to 4/10

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1. Little Truckee River above Boca	69	129	78
2. Truckee River at Farad, Calif.	202	320	269
3. Lake Tahoe rise (In ft. from Apr. 1 assuming gates closed)	1.10	1.76	1.47

Note: Above forecasts prepared by
Truckee Basin Water Committee

SNOW

April 1, 1966

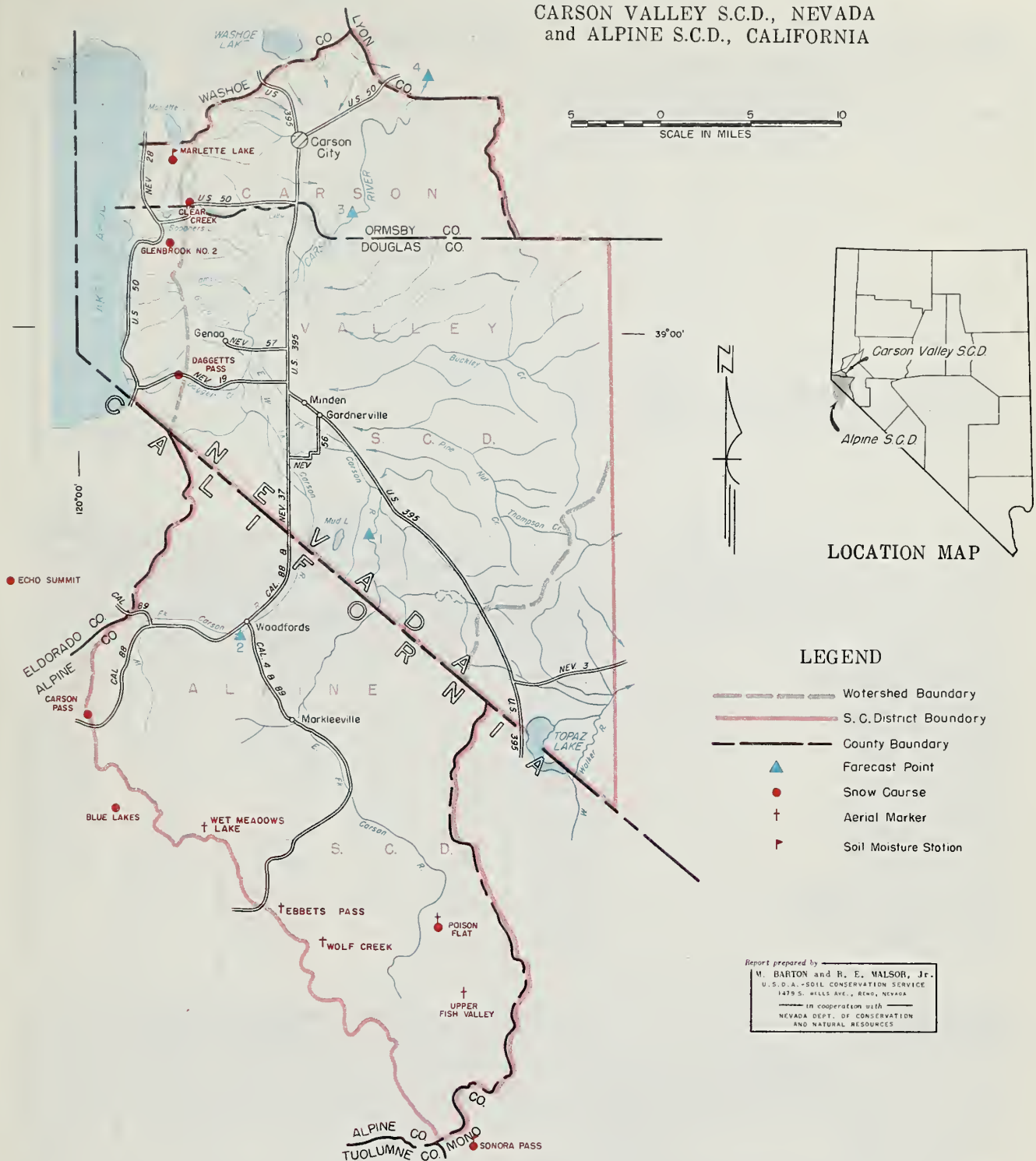
SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
LAKE TAHOE						
Daggetts Pass	7350	3/25	24	9.8	9.3	9.7
Echo Summit	7500	3/28	67	28.7	51.6	38.2
Freel Bench	7300	3/29	14	6.1	11.1	12.1
Glenbrook #2	6900	3/28	28	10.4	11.0	13.0
Hagans Meadow	8000	3/29	27	10.9	22.5	18.6
Lake Lucille	8400	3/28	105	44.3	72.4	62.3
Little Valley	6300	3/28	12	6.5	6.4	7.9*
Marlette Lake	8000	3/25	49	20.1	19.4	21.0
Richardsons #2	6500	3/28	32	12.8	16.1	17.9
Rubicon #1	8100	3/28	103	40.7	60.8	49.8
Rubicon #2	7500	3/28	59	26.2	33.3	30.9
Tahoe City	6250	3/28	9	4.8	6.4	10.8
Upper Truckee	6400	3/29	12	5.0	8.5	8.4
Ward Creek	7000	3/30	68	31.4	49.0	47.2
TRUCKEE RIVER						
Boca #2	5900	4/1	0	0.0	4.8	5.3*
Brockway Summit	7100	3/30	20	8.1	17.0	--
Donner Park #2	6000	4/1	37	14.0	16.4	20.8*
Donner Summit	6900	3/28	70	31.4	41.7	39.5
Fordyce Lake	6500	3/28	84	39.0	41.3	43.7*
Furnace Flat	6600	3/28	92	40.7	51.7	50.0*
Independence Camp	7000	3/31	43	19.2	24.4	24.4
Independence Creek	6500	3/31	23	9.0	14.7	13.8
Independence Lake	8450	3/31	76	32.4	52.1	41.7
Mt. Rose	9000	4/2	43	19.5	45.7	33.0
Sage Hen Creek	6500	4/1	32	12.7	16.9	18.7
Squaw Valley #2	7500	4/3	85	39.7	55.9	51.1*
Truckee #2	6400	4/1	24	9.2	17.8	16.2*
Webber Lake	7000	3/29	66	27.7	37.3	33.9*
Webber Peak	8000	3/29	93	40.1	62.4	43.5*

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
Hagans Meadow	8000	36	3.65	3/29	3.6	3.6	3.5
Independence Camp	7000	34	6.10	3/31	5.7	5.9	5.7
Marlette Lake	8000	50	3.70	3/25	3.3	3.7	3.6
Truckee #2	6400	18	3.65	4/1	3.6	3.7	3.3
Ward Creek	7000	49	5.80	3/30	5.6	5.8	5.6

WATER SUPPLY OUTLOOK

CARSON VALLEY S.C.D., NEVADA
and ALPINE S.C.D., CALIFORNIA



April 1, 1966

Unseasonably warm temperature and below normal March precipitation has markedly reduced the irrigation season runoff outlook for Carson Valley water users. The April 1, 1966 mountain snowpack is 83 percent of average. April-July 1966 streamflow forecasts have been lowered 16 to 25 percent compared to last month's predictions. The current outlook can be rated only fair to good. The East Carson near Gardnerville is now forecast to flow 150,000 acre-feet or 87 percent of average during April-July 1966. The West Carson at Woodfords is forecast to

Plate 3

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Lahontan	286	217	237	202

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1. East Carson nr. Gardnerville	150	235	179
2. West Carson at Woodfords, Cal.	45	72	52
3. Carson River nr. Carson City	140	243	169
4. Carson River at Ft. Churchill	125	218	155
Date 200 c.f.s. flow E. Carson nr. Gardnerville	7/15	8/27	7/20

SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Blue Lakes	8000	3/28	68	31.6	45.5	35.1
Carson Pass, Upper	8600	3/26	66	27.8	42.6	35.7
Clear Creek	7300	3/30	20	8.1	13.0	13.7*
Daggetts Pass	7350	3/25	24	9.8	9.3	9.7
Ebbetts Pass	8700	3/30	70	30.0a	46.5a	--
Echo Summit	7500	3/28	67	28.7	51.6	38.2
Glenbrook #2	6900	3/28	28	10.4	11.0	13.0
Marlette Lake	8000	3/25	49	20.1	19.4	21.0
Poison Flat	7900	3/30	26	11.2a	15.5a	15.9*
Sonora Pass	8800	3/24	48	20.6	27.2	23.5
Upper Fish Valley	8050	3/30	24	10.3a	19.8a	--
Wet Meadow Lake	8100	3/30	48	20.3a	--	--
Wolf Creek	8000	3/30	46	19.8a	--	--

SOIL MOISTURE

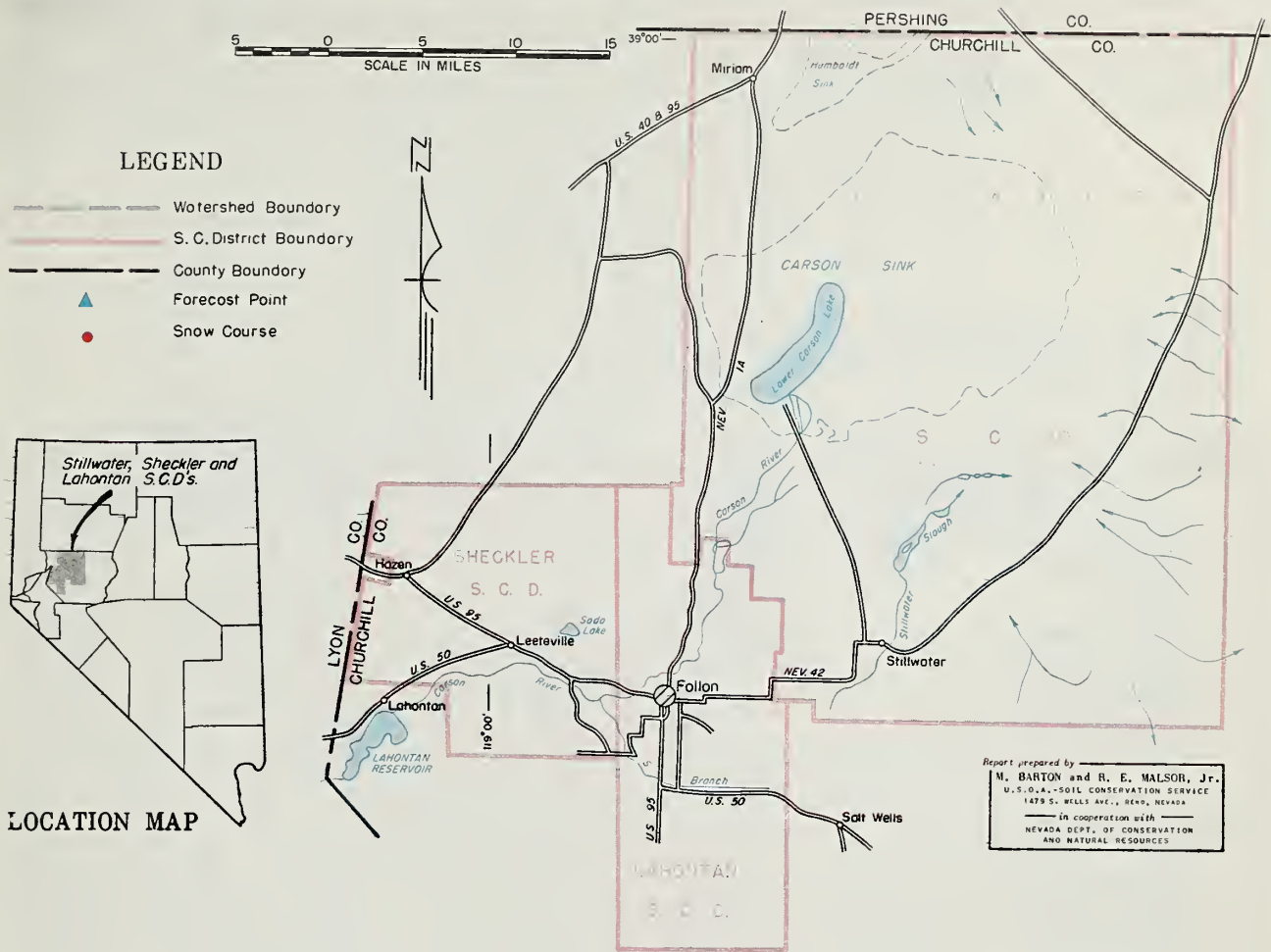
STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
Marlette Lake	8000	50	3.70	3/25	3.3	3.7	3.6
Sonora Pass	8800	48	8.30	3/24	8.3	8.3	8.1c/
c/ Nearest current data available		2/24)					

flow 45,000 acre-feet (87 percent) during the same time period. July 15, 1966 is the date that the East Carson is predicted to fall below 200 c.f.s. compared to the average date of July 20. The main river stations at Carson City and Ft. Churchill are forecast to flow 140,000 and 125,000 acre-feet which is 83 percent and 81 percent of their respective averages.

Streamflow will drop off rapidly by mid-June if the prevailing warm and dry weather continues unabated.

WATER SUPPLY OUTLOOK

STILLWATER, SHECKLER, LAHONTAN S.C.D.'s. & VICINITY
CHURCHILL COUNTY, NEVADA



April 1, 1966

Although March was dry and hot, particularly the last ten days of the month, water users in the Fallon area will have adequate irrigation water during 1966.

Lahontan Reservoir held 217,000 acre-feet on April 1, which is 107 percent of average and 69,000 acre-feet less than capacity. Lake Tahoe was at elevation 6227.45 on April 1, which represents 535,000 acre-feet of water.

The Truckee Basin Water Committee forecast Lake Tahoe will rise 1.10 feet from April 1, 1966, assuming gates are closed to a high point of 6228.55 feet. The Floriston rate of 500 c.f.s. will be maintained.

The Truckee, at Farad, is expected to flow 202,000 acre-feet during April - July, which is 75 percent of average. Carson, at Ft. Churchill, is forecast to flow 125,000 acre-feet (81%) during the same time period.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Lake Tahoe	732	535	497	404
Lahontan	286	217	236	202

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST		MEASURED	
	THIS YEAR	LAST YEAR	LAST YEAR	AVERAGE
Truckee River at Farad, Calif.**	202	320		269
Lake Tahoe Rise** (In ft. from Apr. 1 assuming gate closed)	1.10	1.76		1.47
Carson River at Ft. Churchill	125	218		155
**Forecasts prepared by Truckee Basin Water Committee				

SNOW

April 1, 1966

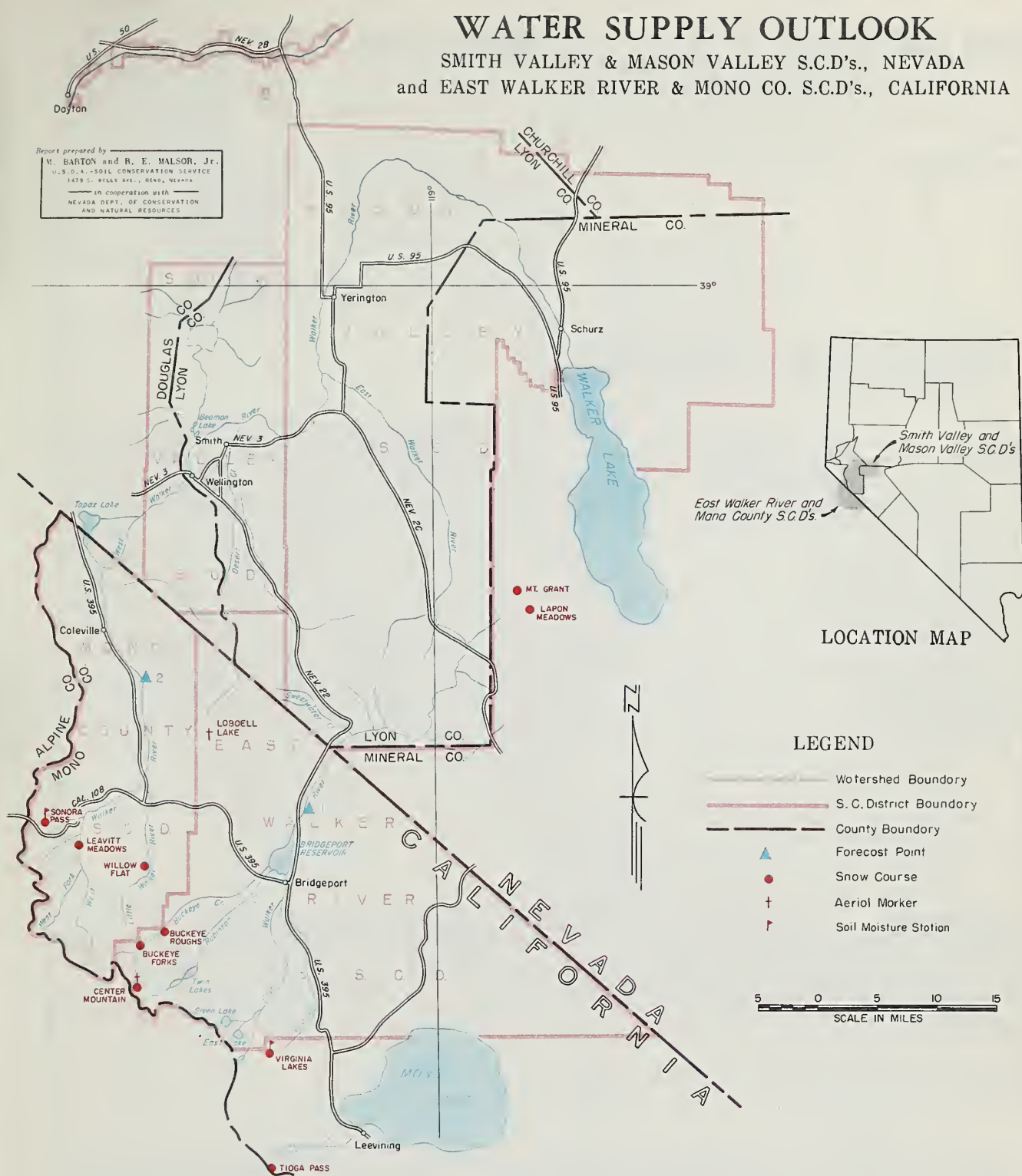
SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
TRUCKEE RIVER						
Boca #2	5900	4/1	0	0.0	4.8	5.3*
Donner Summit	6900	3/28	70	31.4	41.7	39.5
Fordyce Lake	6500	3/28	84	39.0	41.3	43.7*
Furnace Flat	6600	3/28	93	40.7	51.7	50.0*
Independence Camp	7000	3/31	43	19.2	24.4	24.4
Sage Hen Creek	6500	4/1	32	12.7	16.9	18.7
LAKE TAHOE						
Daggetts Pass	7350	3/25	24	9.8	9.3	9.7
Echo Summit	7500	3/28	67	28.7	51.6	38.2
Hagans Meadow	8100	3/29	27	10.9	21.5	18.6
Tahoe City	6250	3/28	9	4.8	6.4	10.8
Ward Creek	7000	3/30	77	35.2	49.0	47.2
CARSON RIVER						
Blue Lakes	8000	3/28	68	31.6	45.5	35.1
Carson Pass, Upper	8600	3/26	66	27.8	42.6	35.7
Clear Creek	7300	3/30	20	8.1	13.0	13.7*
Poison Flat	7900	3/30	26	11.2a	15.5a	15.9*
Sonora Pass	8800	3/24	48	20.6	27.2	23.5

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
Hagans Meadow	8000	36	3.65	3/29	3.6	3.6	3.5
Independence Camp	7000	34	6.10	3/31	5.7	5.9	5.7
Marlette Lake	8000	50	3.70	3/25	3.3	3.7	3.6
Sonora Pass	8800	48	8.30	3/25	8.3	8.3	8.1
Truckee #2	6400	18	3.65	4/1	5.6	3.7	3.3
Ward Creek	7000	49	5.80	3/30	5.6	5.8	5.6

WATER SUPPLY OUTLOOK

SMITH VALLEY & MASON VALLEY S.C.D's., NEVADA
and EAST WALKER RIVER & MONO CO. S.C.D's., CALIFORNIA



April 1, 1966

Water users in Smith and Mason Valleys with stored water rights should have an adequate water supply this coming spring and summer. Users served by direct diversion will probably have some late season shortages due to the rapid snow melt currently in progress, brought about by the extremely warm temperatures which began the last ten days of march.

March precipitation was much below normal. The April 1, 1966 snowpack is 88 percent of average. Topaz and Bridgeport reservoirs are full. Soil

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Topaz	59	59	50	37
Bridgeport	42	41	33	30

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST		MEASURED	
	THIS YEAR	LAST YEAR	AVERAGE	
1. East Walker nr. Bridgeport, Cal. **	50	88	57	
2. West Walker below E. Fork nr. Coleville, Cal.	125	186	140	
**Apr-Aug. runoff corrected for change in Bridgeport Reservoir				

SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Buckeye Forks	8500	3/28	50	21.2	26.3	19.7
Buckeye Roughs	7900	3/28	39	17.1	21.0	20.1
Center Mountain	9400	3/28	73	31.4	42.7	36.9
Leavitt Meadows	7200	3/24	6	2.6	9.2	7.0*
Lobdell Lake	9200	3/30	36	15.1a	16.5a	
Sonora Pass	8800	3/24	48	20.6	27.2	23.5
Tioga Pass	9900	3/29	47	18.8	33.0	22.8
Virginia Lakes	9500	3/23	41	16.2	18.6	17.5
Willow Flat	8250	3/23	15	6.4	10.8	9.8

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
Sonora Pass	8800	48	8.30	3/24	8.3	8.3	8.1b/
b/ Nearest current data available 2/24							

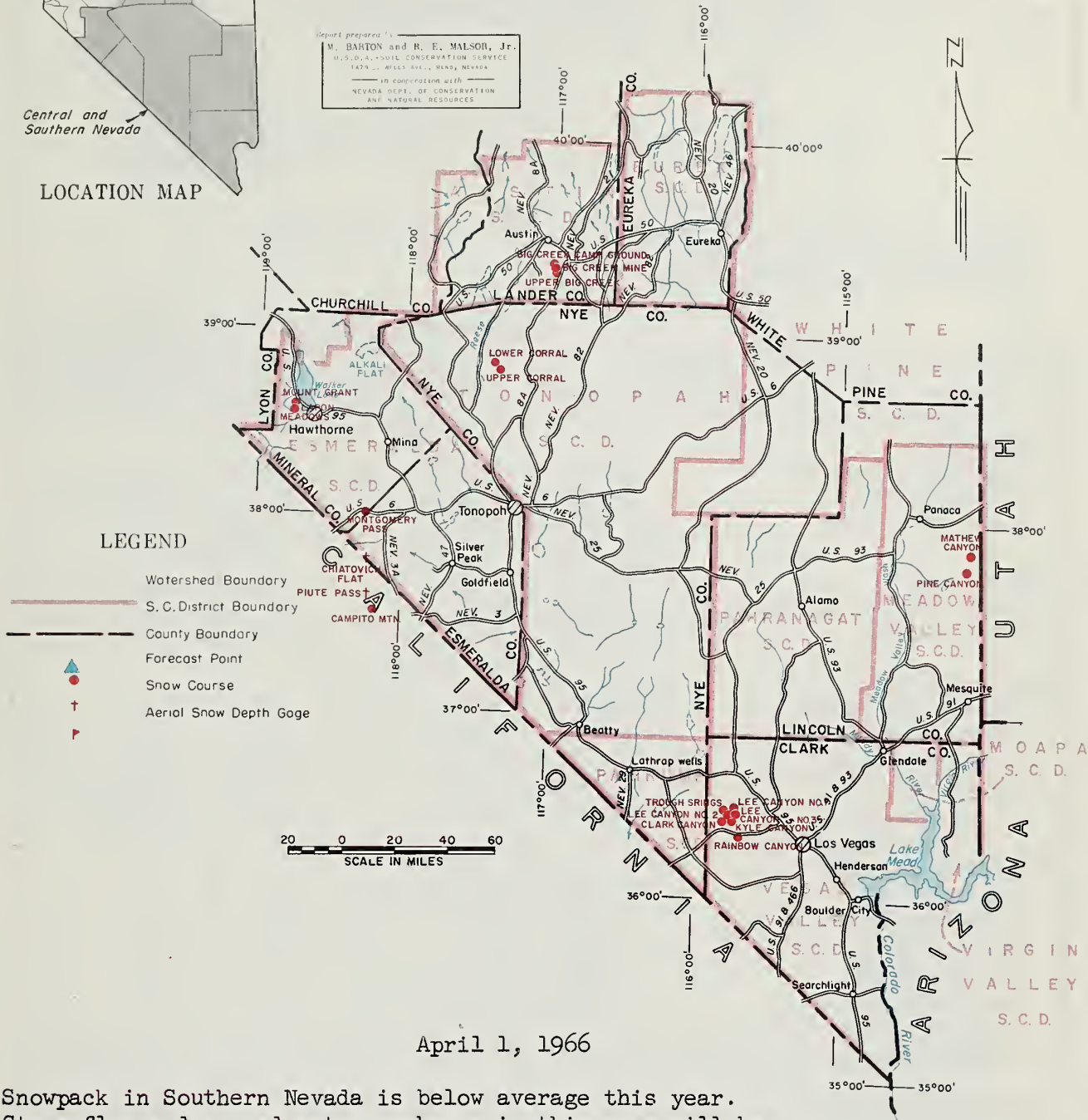
moisture under the mountain snowpack is good. However, the soil is drying rapidly as the snow line recedes.

East Walker, near Bridgeport, is forecast to flow 50,000 acre-feet during April - August 1966, which is 88 percent of average. Last month, the outlook was for 107 percent of average during this time period.

West Walker, near Coleville, is forecast at 125,000 acre-feet, or 89 percent of the April - July average compared to last months forecast of 107 percent.

WATER SUPPLY OUTLOOK

CHURCHILL, CLARK, ESMERALDA, EUREKA, LANDER, LINCOLN, MINERAL and NYE COUNTIES, NEVADA



Snowpack in Southern Nevada is below average this year. Streamflow and ground water recharge in this area will be fair to good, if the present trend of high temperatures and low precipitation continues. On March 1, in the Spring Mountains, the snow accumulation was 112 percent. On April 1, it was 56 percent. Normally, there is a slight increase during March, but this was offset by the high melt rate and lack of precipitation during the month.

Austin, Tonopah, Esmeralda, and Meadow Valley Soil Conservation Districts have little snow remaining. The Virgin River, near Virgin, Utah, is forecast to flow 35,000 acre-feet, or 81 percent of average, during April - June.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Mohave	1810	1734	1663	1357**
Mead	27220	15502	11151	16603

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. • 1948-62 adjusted average. ** Storage began in 1950

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
Virgin River at Virgin, Utah	35	NA	43
April-June forecast, by SCS, Salt Lake City, Utah			
NA - Not Available			

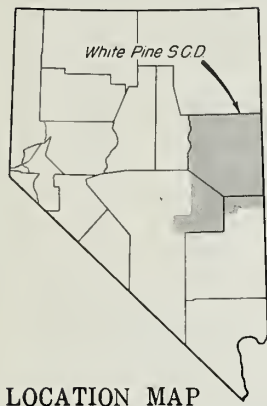
SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
AUSTIN SCD						
Big Creek Camp Ground	6600	3/31	0	0.0	T	1.0
Big Creek Mine	7600	3/31	0	0.0	4.5	3.2*
Upper Big Creek	8000	3/31	2	0.4	5.6	7.2*
TONOPAH SCD						
Lower Corral	7500	3/27	0	0.0	0.0	0.9*
Upper Corral	8500	3/27	6	2.4	0.6	2.4*
ESMERALDA SCD						
Campito Mountain	10200	3/31	0	0.0	1.1	7.0*
Chiatovich Flat	10500	3/30	0	0.0	2.9a	--
Montgomery Pass	7100	3/30	0	0.0	0.0	0.6*
Pinchot Creek	9300	3/30	6	1.4a	0.6a	--
Piute Pass	11700	3/30	0	0.0a	5.0a	--
VEGAS VALLEY SCD						
Clark Canyon	9000	3/28	16	5.1	7.2	7.7
Kyle Canyon	8200	4/4	8	3.3	5.3	9.6
Lee Canyon #1	8300	4/4	4	1.4	6.0	7.7
Lee Canyon #2	9000	4/4	10	3.4	6.5	9.0
Lee Canyon #3	8400	4/4	3	1.2	6.4	--
Rainbow Canyon #2	8100	4/4	30	12.6	10.7	15.2
Trough Springs	8500	3/28	7	2.2	4.0	5.8
MEADOW VALLEY SCD						
Mathew Canyon	6200	4/1	0	0.0	0.0	0.5*
Pine Canyon	6000	4/1	0	0.0	0.0	0.7*

WATER SUPPLY OUTLOOK

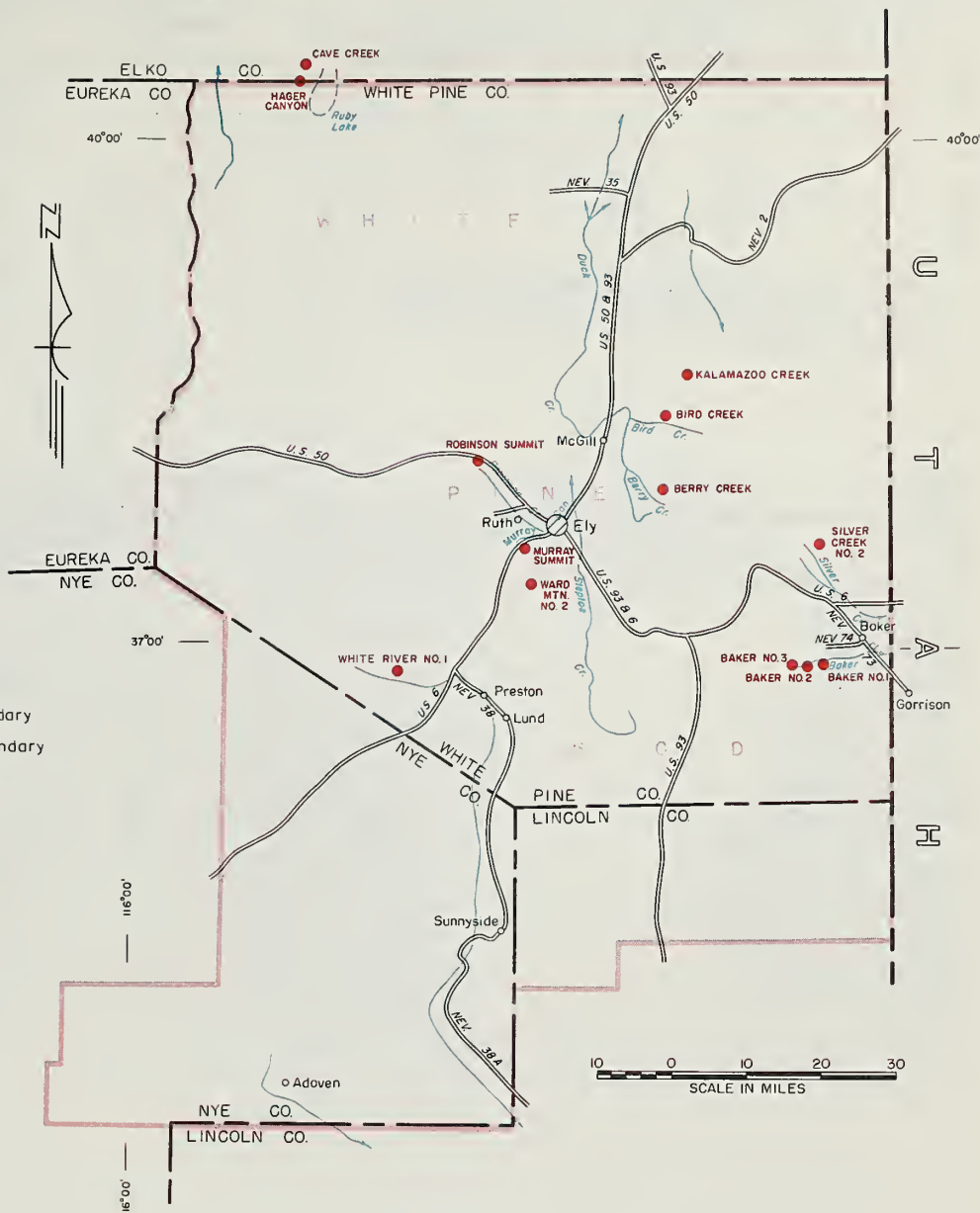
WHITE PINE S.C.D., WHITE PINE, LINCOLN & NYE COUNTIES, NEVADA



LEGEND

- Watershed Boundary
- S. C. District Boundary
- County Boundary
- Forecast Point
- Snow Course

Report prepared by
N. BARTON and R. E. MALSON, Jr.
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1479 S. HILLS AVE., RENO, NEVADA
in cooperation with
NEVADA DEPT. OF CONSERVATION
AND NATURAL RESOURCES



April 1, 1966

The April 1 snowpack in White Pine County is much below average this year. In the Snake Range, near Baker, the snowpack is 67 percent of average. Snow courses in the Snake Range indicate a 53 percent of average snowpack. Two courses measured above Ruby Lake Wildlife Refuge are at 58 percent of average.

Due to lack of precipitation and warm temperatures, most of the low elevation snow is gone. Streamflow in this area, during the early season, will be fair, and late season flows will be poor.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE

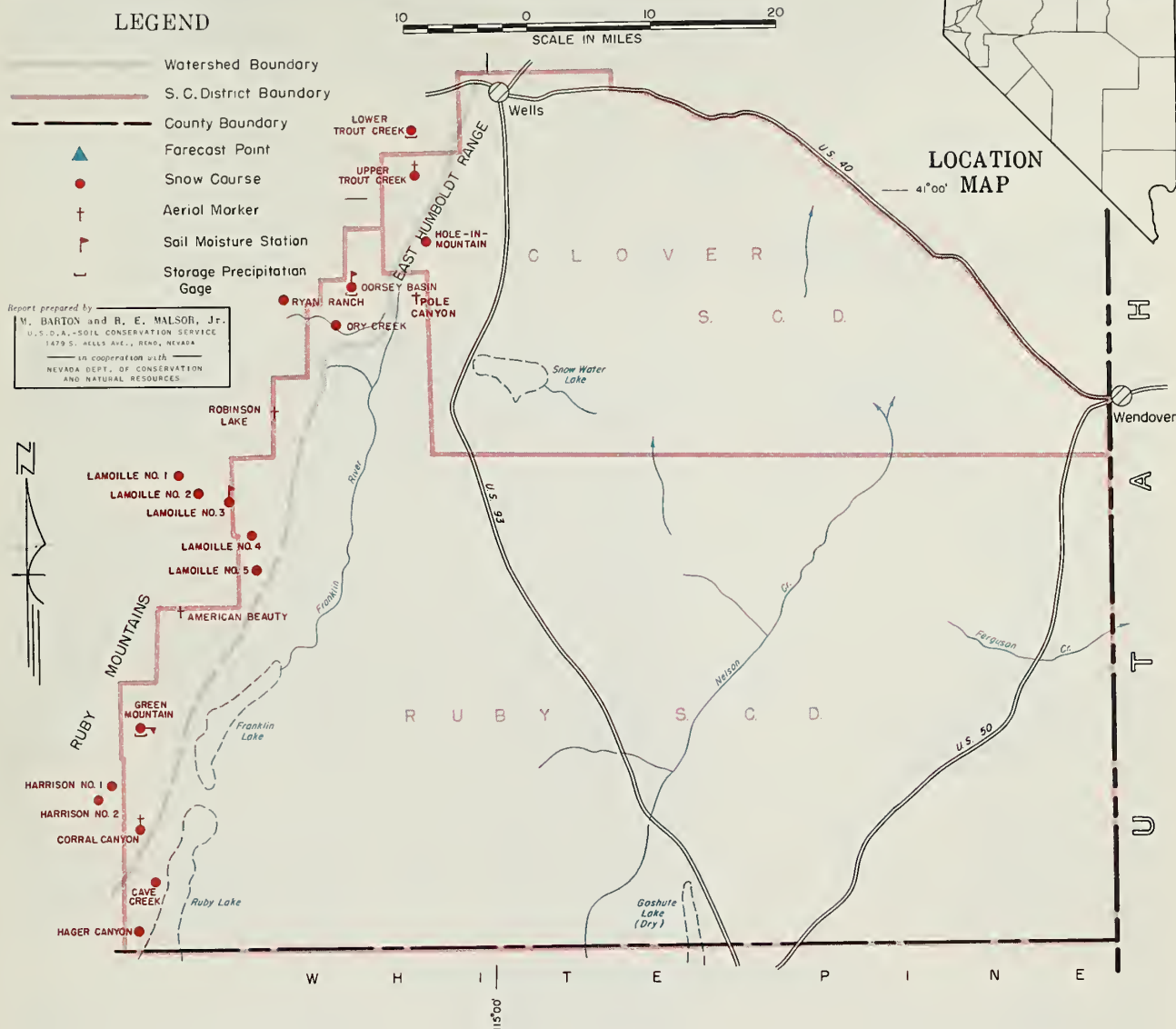
SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Baker #1	7950	3/29	15	4.6	5.8	6.5
Baker #2	8950	3/29	39	11.8	16.0	16.2
Baker #3	9250	3/29	42	13.6	20.0	18.3
Berry Creek	9100	3/30	33	9.4	16.6	16.4
Bird Creek	7500	3/30	0	0.0	2.5	3.3
Cave Creek	7500	3/30	24	10.1	15.4	15.9*
Hager Canyon	8000	3/30	29	11.5	25.2	21.2*
Kalamazoo Creek	7400	3/28	12	3.8	6.4	7.7*
Murray Summit	7250	3/30	0	0.0	T	2.7
Robinson Summit	7600	3/28	0	0.0	T	1.9*
Silver Creek #2	8000	3/28	11	3.4	6.8	6.7*
Ward Mtn. #2	8900	3/31	33	9.9	12.2	20.7*
White River #1	7400	3/30	0	0.0	0.8	1.7*

WATER SUPPLY OUTLOOK

CLOVER & RUBY S.C.D's., ELKO COUNTY, NEVADA



April 1, 1966

Due to below normal precipitation during the last month, farmers and ranchers in the Clover and Ruby Soil Conservation Districts can expect a below normal water supply.

The mountain snowpack ranges from 37 to 79 percent of average. Most of the low elevation snow is gone, and soils are drying rapidly.

If the present trend of warm temperatures and lack of precipitation continues, the early season runoff will be fair and the late season runoff poor.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

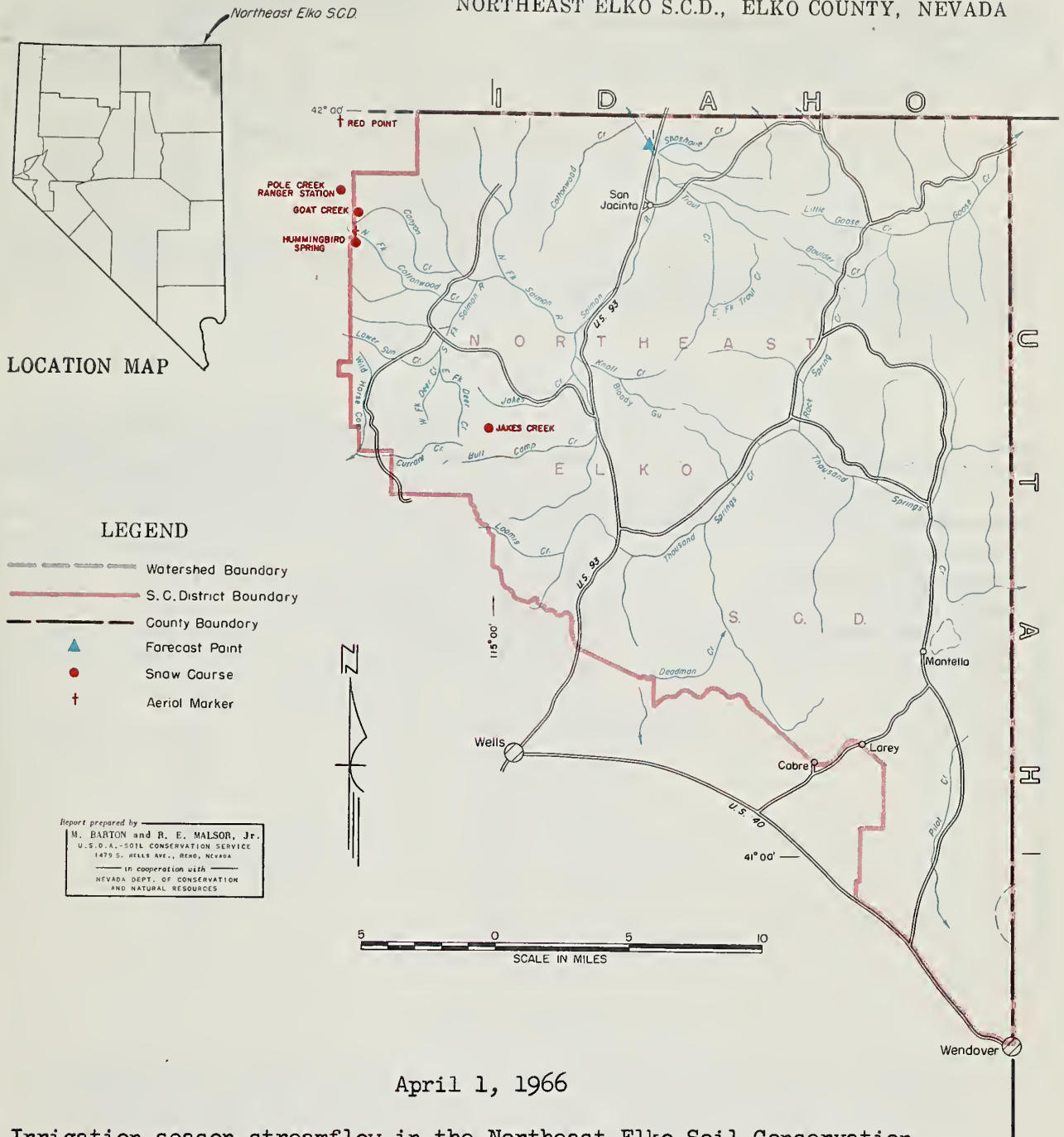
SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
American Beauty	7800	3/29	8	2.8a		--
Cave Creek	7500	3/30	24	10.1	15.4	15.9*
Corral Canyon	8500	3/31	41	14.8	20.3	20.5*
Dorsey Basin	8100	3/31	14	5.2	11.0	14.2
Dry Creek	6500	3/31	0	0.0	T	3.7
Green Mountain	8000	3/28	23	8.1	14.2	15.2*
Hager Canyon	8000	3/30	29	11.5	25.2	18.6
Harrison Pass #1	6600	3/28	T	T	0.0	3.4
Harrison Pass #2	7400	3/28	11	3.8	1.6	4.8
Hole-in-Mountain	7900	3/29	33	14.1	32.3	22.9*
Lamoille #1	7100	3/30	15	5.3	7.5	10.4*
Lamoille #2	7300	3/30	15	6.0	7.5	10.2*
Lamoille #3	7700	3/30	22	7.8	14.2	13.6*
Lamoille #4	8000	3/30	35	11.8	22.2	20.1*
Lamoille #5	8700	3/30	50	17.8	36.9	30.0*
Ryan Ranch	5800	3/31	0	0.0	0.0	1.1
Trout Creek, Lower	6900	3/29	6	1.9	T	3.0*
Trout Creek, Upper	8500	3/29	39	13.5	21.6	23.8*
Robinson Lake	9200	3/29	74	25.9a	--	--

WATER SUPPLY OUTLOOK

NORTHEAST ELKO S.C.D., ELKO COUNTY, NEVADA



Irrigation season streamflow in the Northeast Elko Soil Conservation District area will be below average this year. Snowmelt runoff will occur early with most streams dropping off by late May and early June. Heavy April precipitation would modify this outlook.

Salmon Falls Creek is forecast to flow 56,000 acre-feet during March-July 1966. This is 74 percent of average and is approximately 10 percent less than forecast for this time period a month ago.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1. Salmon Falls Cr. nr. San Jacinto			
March-September	58	74	78
March-July	56	74	76
Forecasts issued by SCS, Boise, Idaho			

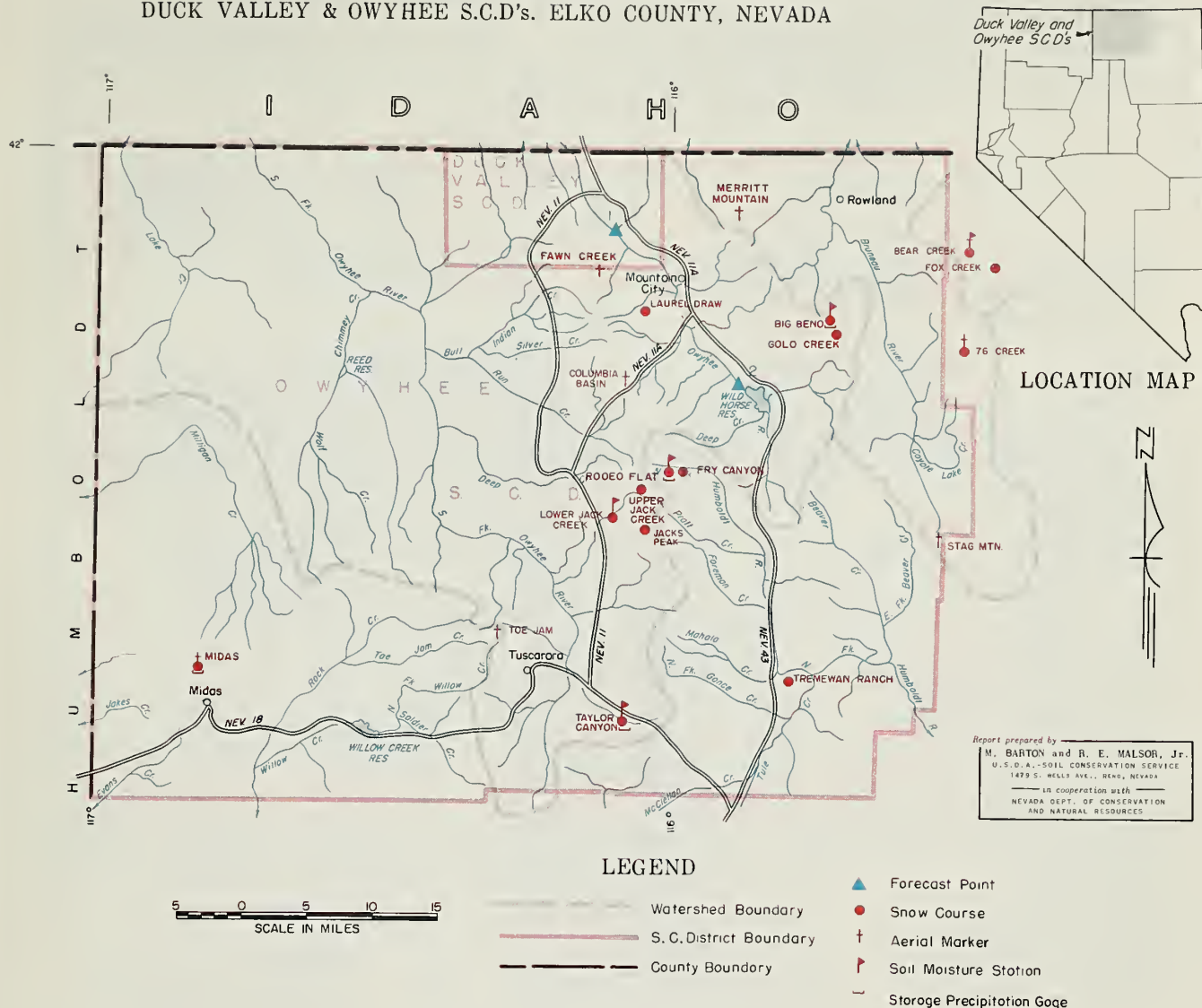
SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
					LAST YEAR	AVERAGE
NAME	ELEVATION					
Goat Creek	8800	3/28	42	13.1	22.4	19.5*
Hummingbird Springs	8945	3/28	53	17.3	30.4	23.0*
Jakes Creek	7000	Report Delayed			0.0	--
Pole Creek Ranger Station	8300	3/28	49	16.2	27.1	20.2*
Red Point	7940	3/28	0	0.0	11.0	--

WATER SUPPLY OUTLOOK

DUCK VALLEY & OWYHEE S.C.D.'s. ELKO COUNTY, NEVADA



April 1, 1966

Streamflow in the Duck Valley and Owyhee Soil Conservation Districts will be much below normal this year. The Owyhee near Gold Creek is forecast to flow 10,000 acre-feet, or 45 percent of average; and the Owyhee near Owyhee is forecast to flow 37,000 acre-feet, or 50 percent of average.

Wild Horse reservoir holds 17,000 acre-feet, or 52 percent of capacity.

Mountain snowpack is 64 percent of average in this area, with little low elevation snow remaining. Soils are fairly well wetted and should require a small amount of runoff water for recharge.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Wild Horse	33	17	13	18

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1.Owyhee River nr. Owyhee**	37	97	74
2.Owyhee River nr. Gold Creek**	10	22	22
**Corrected for change in storage in Wild Horse Reservoir			

SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Bear Creek	7800	3/28	46	16.5	25.7	21.0
Big Bend	6700	3/28	18	5.7	8.2	10.7
Columbia Basin	6650	3/29	2	0.7a	4.8a	--
Fawn Creek	7000	3/29	2	0.7a	0.0a	
Fox Creek	6800	3/28	22	7.9	10.7	10.9
Fry Canyon	6700	3/28	16	6.0	5.0	8.9
Gold Creek	6600	3/28	8	2.7	4.1	6.5
Jack Creek, Lower	6800	3/29	T	T	3.0	3.5
Jack Creek, Upper	7250	3/29	20	7.7	9.8	11.6
Jacks Peak	8420	3/29	63	23.6	34.6	27.5*
Laurel Draw	6700	4/1	15	5.0	7.8	9.5*
Merritt Mtn.	7800	3/29	0	0.0	0.9a	
Midas	7200	3/30	0	0.0	0.0	1.9*
Rodeo Flat	6800	3/28	12	4.9	3.7	8.2
76 Creek	7100	3/28	21	7.3	12.2a	14.5*
Stag Mountain	7700	3/29	0	0.0a	4.8a	--
Taylor Canyon	6200	3/29	5	1.9	T	3.7
Toe Jam	7700	3/29	22	8.6a	6.0a	--
Tremewan Ranch	5700	3/28	0	0.0	0.0	0.7

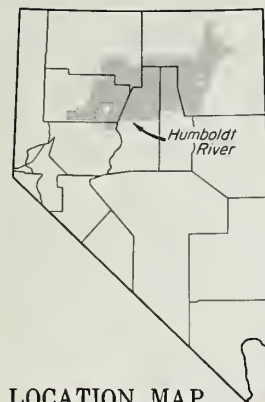
SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
Bear Creek	7800	72	16.9	3/28	12.1	14.5	12.0
Big Bend	6700	48	16.7	3/28	15.4	16.4	15.7
Jack Creek, Lower	6800	48	8.7	Not measured		8.3	8.2
Rodeo Flat	6800	42	11.0	3/28	10.6	10.9	c/
Taylor Canyon	6200	48	15.1	2/25	12.4d/	15.0	9.0
c/ Station was moved a short distance uphill in 1963. Soil units not yet in equilibrium.							
d/ Most current reading							

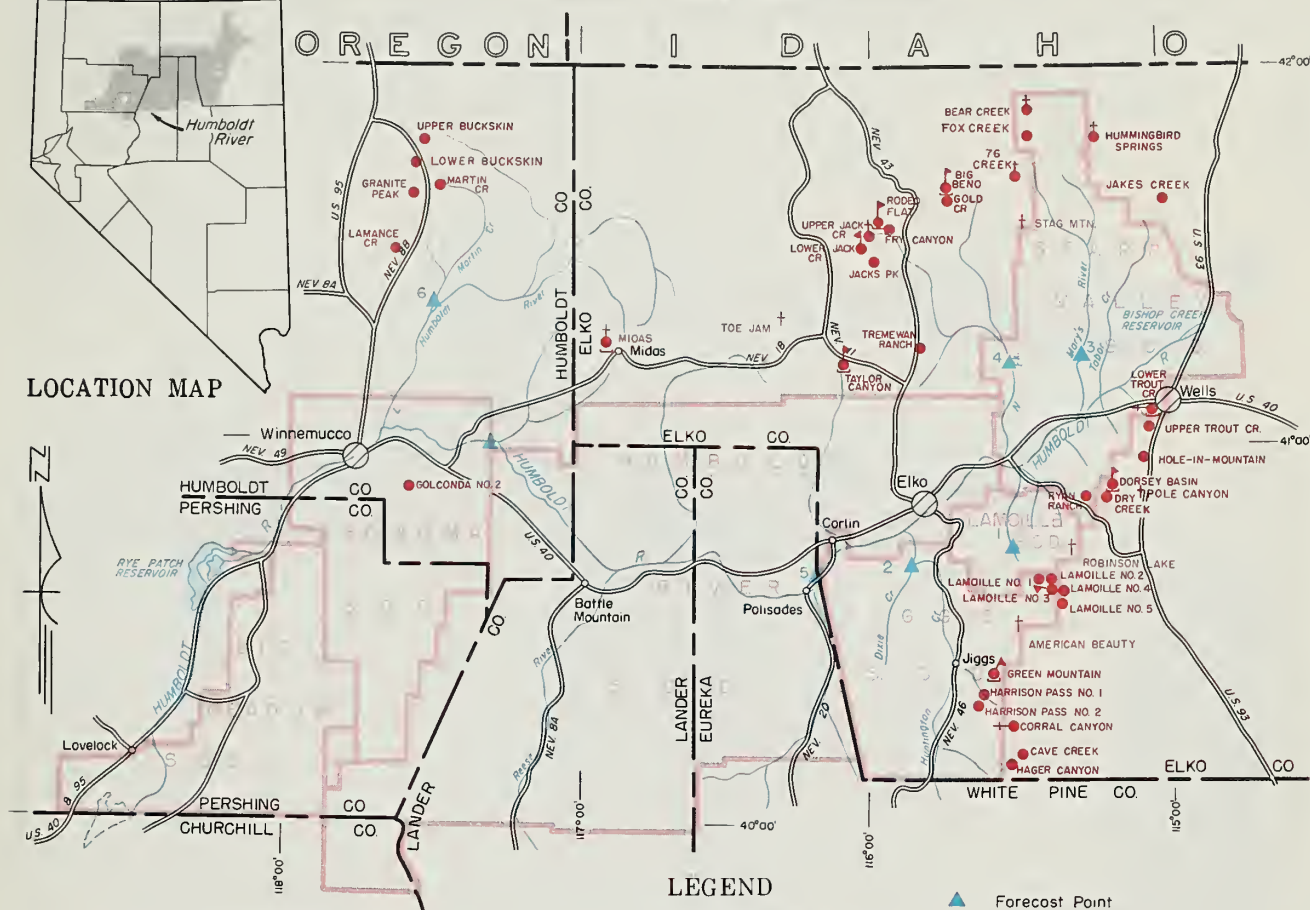
WATER SUPPLY OUTLOOK

HUMBOLDT RIVER
CHURCHILL, ELKO, EUREKA, HUMBOLDT, LANDER & PERSHING COUNTIES, NEVADA

25 0 25 50
SCALE IN MILES



LOCATION MAP



LEGEND

- Watershed Boundary
- S.C. District Boundary
- County Boundary

- ▲ Forecast Point
- Snow Course
- † Aerial Marker
- ⬮ Soil Moisture Station
- ⬮ Storage Precipitation Gage

Report prepared by
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U.S.D.A. - SOIL CONSERVATION SERVICE
1479 S. WELLS AVE., RENO, NEVADA
— IN COOPERATION WITH
NEVADA DEPT. OF CONSERVATION
AND NATURAL RESOURCES

April 1, 1966

Water users in the Lovelock Valley will have an adequate irrigation water supply this year. Due to unseasonably warm weather, the mountain snowpack began melting earlier at even the higher elevations. As a result, the April 1 snowpack, on a basin-wide basis, is 57 percent of average compared to last months 75-85 percent of the March 1 average. Forecasts have been lowered from those given last month.

The Humboldt, at Palisade, is forecast to flow 120,000 acre-feet, or 70 percent of the 1948-62 average. Downstream, at Comus, 85,000 acre-feet are predicted. The South Fork is now expected to flow 50,000 acre-feet, or 83 percent of average. Lamoille Creek, near Lamoille, is forecast at 20,000 acre-feet, which is 77% of average. Mary's River and the North Fork of the Humboldt are forecast to flow 16,000 (47%) and 14,000 (41%) acre-feet respectively during April - July 1966.

Rye Patch Reservoir is full and additional water is being stored in the Pit-Taylor Reservoirs.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Rye Patch	179	179	159	76

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1.Lamoille Creek near Lamoille	20	34	26
2.So.Fork Humboldt River nr. Elko	50	93	60
3.Marys River above Hot Springs Cr.	16	52	34
4.No.Fork Humboldt at Devils Gate	14	43	34
5.Humboldt River at Palisade	120	247	173
6.Humboldt River at Comus	85	211	127
6.Martin Creek nr. Paradise Valley	8	19	17

SNOW

April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Hummingbird Springs	8945	3/28	48	17.3	30.4	23.0*
Bear Creek	7800	3/28	46	16.5	25.7	21.0
Big Bend	6700	3/28	18	5.7	8.2	10.7
Fawn Creek	7000	3/29	2	0.7a	0.0a	
Fox Creek	6800	3/28	22	7.9	10.7	10.9
Fry Canyon	6700	3/28	16	6.0	5.0	8.9
Gold Creek	6600	3/28	8	2.7	4.1	6.5
Jack Creek, Lower	6800	3/29	T	T	3.0	3.5
Jack Creek, Upper	7250	3/29	20	7.7	9.8	11.6
Jacks Peak	8420	3/29	63	23.6	34.6	27.5*
Merritt Mtn.	7800	3/29	0	0.0a	0.9a	
Rodeo Flat	6800	3/28	12	4.9	3.7	6.2
76 Creek	7100	3/28	21	7.3	12.2a	14.5*
Stag Mountain	7700	3/29	0	0.0a	4.8a	--
Taylor Canyon	6200	3/29	5	1.9	T	3.7
Toe Jam	7700	3/29	22	8.6a	6.0a	--
Tremewan Ranch	5700	3/28	0	0.0	0.0	0.7
American Beauty	7800	3/29	8	2.8a		--
Cave Creek	7500	3/30	24	10.1	15.4	15.9*
Corral Canyon	8500	3/31	41	14.8	20.3	20.5*
Dorsey Basin	8100	3/31	14	5.2	11.0	14.2
Dry Creek	6500	3/31	0	0.0	T	3.7
Green Mountain	8000	3/28	23	8.1	14.2	15.2*
Hager Canyon	8000	3/30	29	11.5	25.2	21.2*
Harrison Pass #1	6600	3/28	T	T	0.0	3.4
Harrison Pass #2	7400	3/28	11	3.8	1.6	4.8
Hole-in-Mountain	7900	3/29	33	14.1	32.3	22.9*
Lamoille #1	7100	3/30	15	5.3	7.5	10.4*
Lamoille #2	7300	3/30	15	6.0	7.5	10.2*
Lamoille #3	7700	3/30	22	7.8	14.2	13.6*
Lamoille #4	8000	3/30	35	11.8	22.2	20.1*
Lamoille #5	8700	3/30	50	17.8	36.9	30.0*
Ryan Ranch	5800	3/31	0	0.0	0.0	1.1
Trout Creek, Lower	6900	3/29	6	1.9	T	3.0*
Trout Creek, Upper	8500	3/29	39	13.5	21.6	23.8*
Midas	7200	3/30	0	0.0	0.0	1.9*
Golconda #2	6000	3/29	2	0.6	T	3.6*
Buckskin, Lower	6700	3/28	20	6.5	5.9	9.2*
Buckskin, Upper	7200	3/28	27	10.6	7.6	10.3*
Granite Peak	7800	3/28	28	9.4	18.8	12.5*
Lamance Creek	6000	3/29	11	4.0	6.0	8.5*
Martin Creek	6700	3/29	20	7.0	10.0	8.8*
Pole Canyon	9140	3/29	T	Ta	New Marker	
Robinson Lake	9200	3/28	74	25.9a	--	--

WATER SUPPLY OUTLOOK

KINGS RIVER, PARADISE VALLEY & QUINN RIVER S.C.D.'s.

HUMBOLDT COUNTY, NEVADA

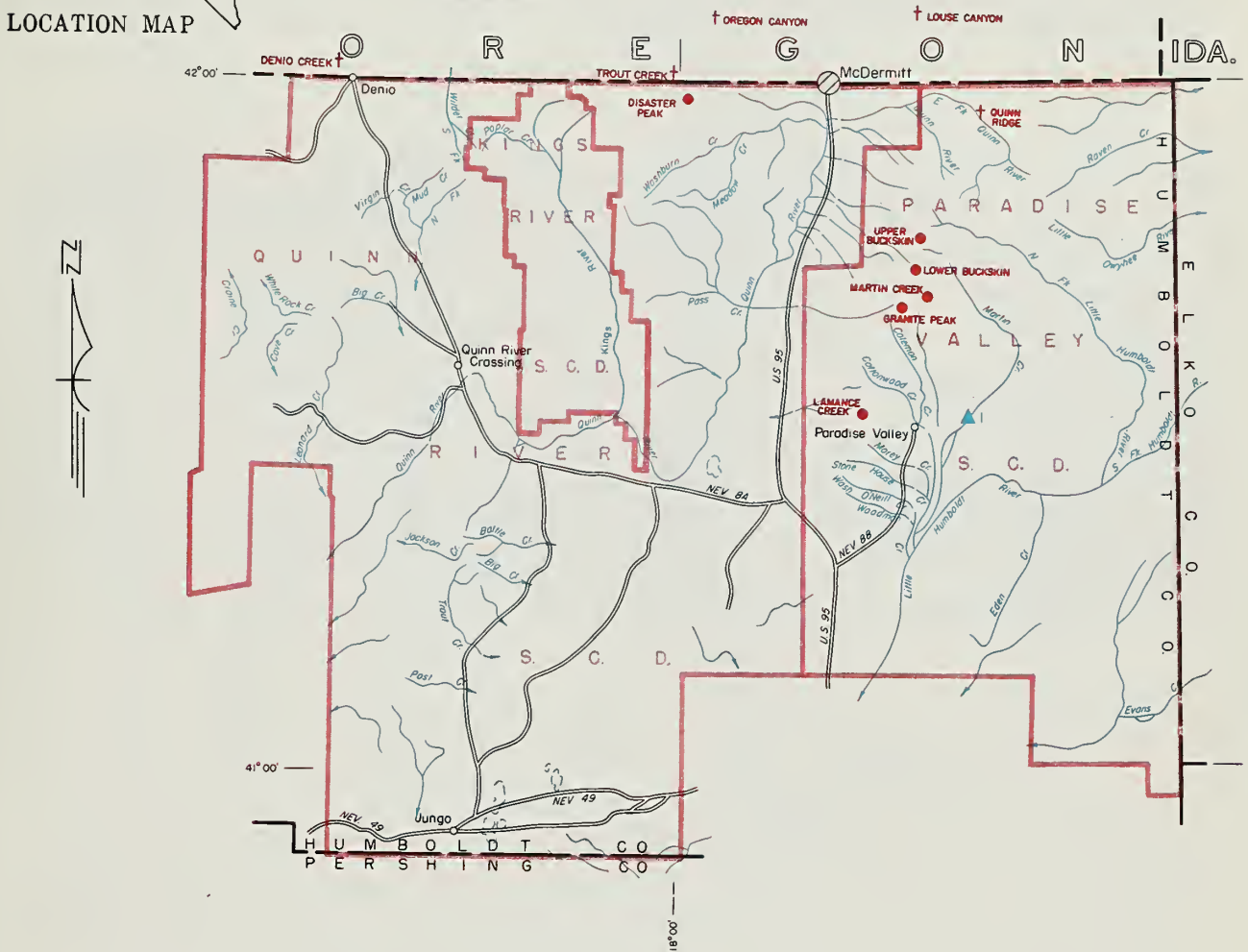
10 0 10 20
SCALE IN MILES

LEGEND

- Watershed Boundary
- S.C. District Boundary
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker

Report prepared by
M. BARTON and R. E. MALSON, Jr.
U.S.D.A. - SOIL CONSERVATION SERVICE
1479 S. HILLS AVE., RENO, NEVADA
in cooperation with
NEVADA DEPT. OF CONSERVATION
AND NATURAL RESOURCES

LOCATION MAP



April 1, 1966

The water supply outlook for Paradise Valley water users is for below normal 1966 irrigation season streamflow. Martin Creek is forecast to flow 8,000 acre-feet during April - July 1966, which is only 47 percent of average. Streamflow will drop off rapidly in May unless the prevailing warm-dry trend changes and good spring rainfall occurs.

As of April 1, the mountain snowpack in the Santa Rosa Mountains was 41 percent of average, with a heavy snowmelt having taken place in March.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE
Rye Patch	179	179	159	76

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
1. Martin Creek nr. Paradise Valley	8	19	17
Humboldt River at Palisade	120	247	173
Humboldt River at Comus	85	211	127

SNOW

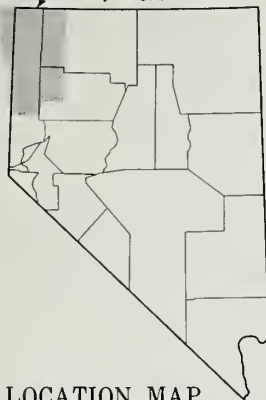
April 1, 1966

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Buckskin, Lower	6700	3/28	20	6.5	5.9	9.2*
Buckskin, Upper	7200	3/28	27	10.6	7.6	10.3*
Disaster Peak	6500	3/30	9	2.4	8.9	11.7*
Denio Creek (Oregon)	6000	4/1	0	0.0a	0.0a	--
Granite Peak	7800	3/28	28	9.4	18.8	12.5*
Lamance Creek	6000	3/29	11	4.0	6.0	8.5*
Louse Canyon (Oregon)	6440	4/1	T	Ta	0.8a	--
Martin Creek	6700	3/28	20	7.0	10.0	8.8*
Oregon Canyon (Oregon)	7200	4/1	T	Ta	1.2a	--
Quinn Ridge	6300	4/1	0	0.0a	0.4	--
Trout Creek (Oregon)	7800	4/1	10	3.5a	8.8a	--

WATER SUPPLY OUTLOOK

VYA & GERLACH S.C.D.'S, NEVADA and SURPRISE VALLEY S.C.D., CALIFORNIA

Vya, Gerlach & Surprise
Valley S.C.D's.



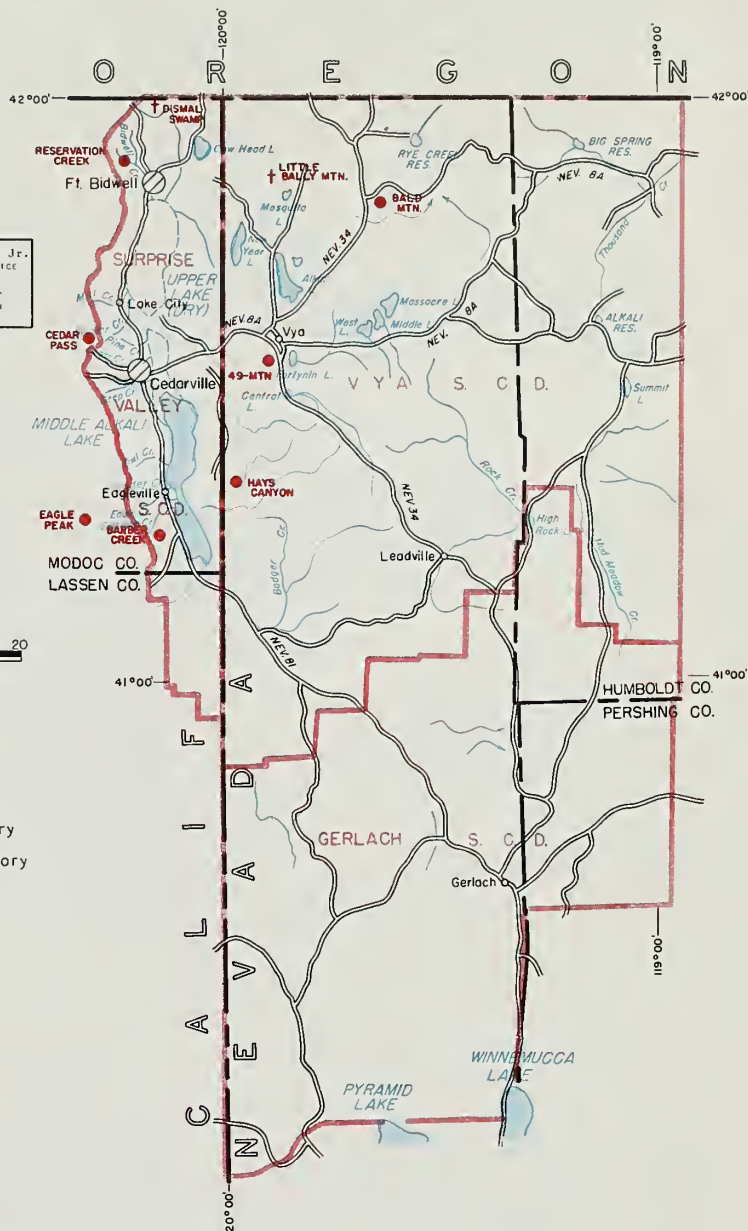
LOCATION MAP

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10 0 10 20
SCALE IN MILES

LEGEND

- Watershed Boundary
- S.C. District Boundary
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker



April 1, 1966

The 1966 irrigation season water supply outlook for Surprise Valley water users is below average in the 53 to 65 percent of average range. March precipitation was below average, and the temperature unseasonably warm. Coordinated forecasts of the California Department of Water Resources and the Soil Conservation Service Snow Survey Units indicate that Bidwell Creek will flow 8,000 acre-feet during April - September 1966; Mill Creek - 3,100 acre-feet; Deep Creek - 2,000 acre-feet; and Eagle Creek - 3,200 acre-feet.

STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	AVERAGE

NOTE:

All averages based on 1948-62, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1948-62 adjusted average.

APRIL - JULY RUNOFF (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	MEASURED	
		LAST YEAR	AVERAGE
Bidwell Creek nr. Ft. Bidwell	8.0	17.3	12.3*
Mill Creek above all diversions	3.1	5.5	5.5
Deep Creek above all diversions	2.0	3.0	3.8
Eagle Creek near mouth of canyon	3.2	6.5	5.2
Note: April-Sept. forecasts. Coordinated forecasts of SCS and Calif. Dept. of Water Resources Snow Survey Units.			

April 1, 1966

SNOW

SNOW COURSE		CURRENT INFORMATION			PAST RECORD	
		DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	ELEVATION				LAST YEAR	AVERAGE
Bald Mountain	6720	3/31	1	0.3	0.4	3.8
Barber Creek (Calif.)	6500	3/28	21	7.9	13.8	12.2*
Cedar Pass (Calif.)	7100	3/28	34	12.2	15.2	17.8
Dismal Swamp (Oregon)	7000	3/25	38	13.7a	18.9a	20.6*
Eagle Peak (Calif.)	7200	3/31	27	8.9	14.8	16.9
49-Mtn.	6000	3/29	2	0.9	1.3	3.3*
Hays Canyon	6400	3/29	0	0.0	1.3	3.7*
Little Bally Mtn.	6000	3/25	5	1.8a	0.0a	--
Reservation Creek (Calif.)	5900	3/28	27	10.2	7.8	12.4*

Water content of snow in the Surprise Valley and Vya Soil Conservation Districts is 59 percent of the April 1, 1948-62 average. Following is the September 1965 - March 31, 1966, precipitation at several stations in the area:

Ft. Bidwell	6.38 inches	50% of average
Vya	4.61 "	67% " "
Sheldon	4.46 "	61% " "
Cedarville	4.77 "	51% " "
Eagleville	4.53 "	--

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Army
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Soil Conservation Service
- U.S. District Court - Federal Water Master
- Weather Bureau

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Nevada Association of Soil Conservation Districts
- Nevada Cooperative Snow Surveys
- Nevada Department of Conservation & Natural Resources
 - Division of Water Resources
 - Nevada State Forester-Firewarden
- Oregon Cooperative Snow Surveys
- University of Nevada
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas & Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Squaw Valley Development Company
- Truckee-Carson Irrigation District
- Virginia City Water Company
- Walker River Irrigation District
- Washoe County Water Conservation District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
1479 GO WENTZ AVE.
RENO, NEVADA

OFFICIAL BUSINESS

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FEDERAL - STATE - PRIVATE
COOPERATIVE SNOW SURVEYS

Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*